

Converting Colors

YUV(242.2380, 2.3477, -6.3477)

Have a look what the booklet for
YUV(242.2380, 2.3477, -6.3477)
contains.

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Color

**YUV(242.2380, 2.3477,
-6.3477)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF5F7
RGB	235, 245, 247
RGB Percent	92%, 96%, 97%
CMY	0.0784, 0.0392, 0.0314
CMYK	0.05, 0.01, 0.00, 0.03
HSL	190°, 43%, 95%
HSV	190°, 5%, 97%
XYZ	83.7019, 89.6824, 100.8946
YIQ	242.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

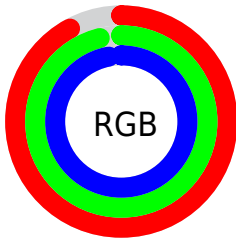
Format	Color
R _Y B	235, 240, 247
Decimal	15463927
CIE Lab	95.86, -2.92, -2.11
CIE LCh	96, 3.604, 215.911
Yxy	89.6824, 0.3052, 0.3270
Android (android.graphics.Color)	4293654007 (0xFFEBF5F7)
YUV	242.2380, 2.3477, -6.3477
Hunter-Lab	94.7008, -7.9581, 3.1228

Details

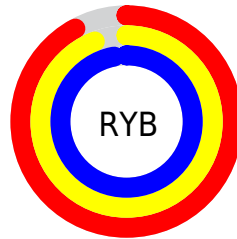
The YUV color $242.2380, 2.3477, -6.3477$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.7620, -2.3477, 6.3477$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.2380, 2.3477, -6.3477$ is the 20% darker color. If you saturate the color by 10%, you get $232.4150, 7.1904, -19.6580$, and if you desaturate by 10%, it is $250.5660, -1.7580, 3.8886$.

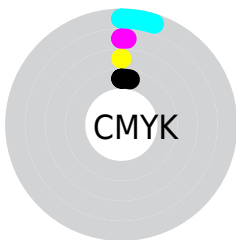
Distribution



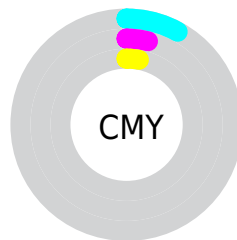
- Red (92%)
- Green (96%)
- Blue (97%)



- Red (92%)
- Yellow (94%)
- Blue (97%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.2380, 2.3477, -6.3477 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 242.2380, 2.3477, -6.3477 by changing the saturation by 10% instead.

■ 242.2380, 2.3477,
-6.3477

■ 242.2380, 2.3477,
-6.3477

255.0000, 0.0000,
0.0000

■ 214.2380, 2.3477,
-6.3477

■ 186.2380, 2.3477,
-6.3477

■ 159.2380, 2.3477,
-6.3477

■ 133.4230, 1.7635,
-5.6330

■ 107.8360, 2.0529,
-5.1182

■ 83.8360, 2.0529,
-5.1182

■ 60.7220, 1.6161,

-5.0182

■ 38.7220, 1.6161,
-5.0182

■ 18.1240, 1.9109,
-6.2477

■ 242.2380, 2.3477,
-6.3477

■ 242.2380, 2.3477,
-6.3477

■ 232.4150, 7.1904,
-19.6580

■ 250.5660, -1.7580,
3.8886

■ 222.8910, 11.8857,
-32.3534

■ 252.9140, -2.9156,
1.8294

■ 213.0680, 16.7285,
-45.6636

■ 254.0880, -3.4944,
0.7998

■ 203.2450, 21.5712,
-58.9739

■ 192.8350, 26.7033,
-71.7693

■ 183.3110, 31.3987,
-84.4647

■ 173.4880, 36.2414,
-97.7750

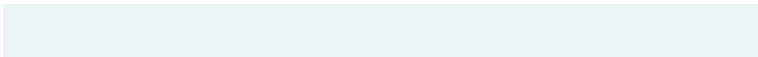
■ 163.6650, 41.0842,
-111.0852

■ 154.1410, 45.7795,
-123.7807

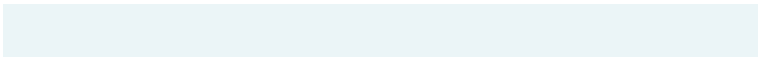
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.8960, 1.0373, -6.0478



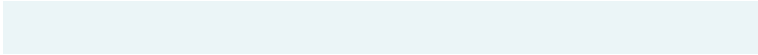
242.2380, 2.3477, -6.3477



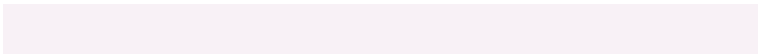
242.4770, 3.2158, -4.8033

Triad

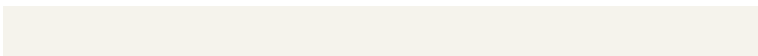
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.2380, 2.3477, -6.3477



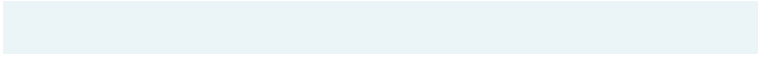
243.6630, 1.1521, 3.8035



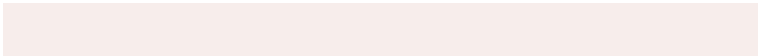
242.8000, -3.3524, 1.9294

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



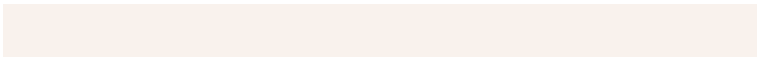
242.2380, 2.3477, -6.3477



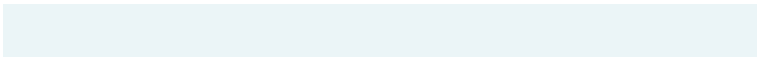
239.7620, -2.3477, 6.3477

Split Complementary

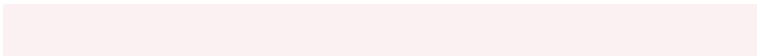
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.5230, -3.2158, 4.8033



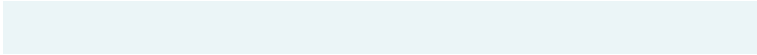
242.2380, 2.3477, -6.3477



244.1040, -1.0373, 6.0478

Square

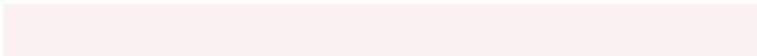
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.2380, 2.3477, -6.3477



243.6950, 2.6154, 1.1445



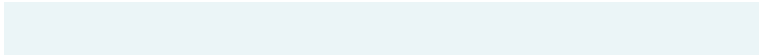
243.7620, -2.3477, 6.3477



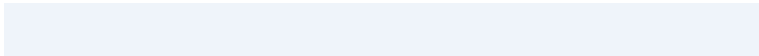
242.3050, -2.6154, -1.1445

Rectangle

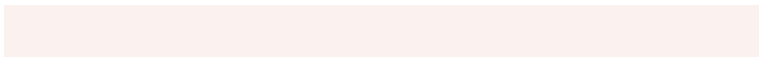
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



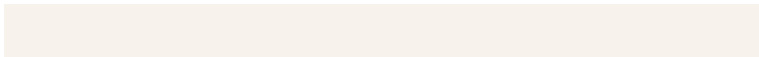
242.2380, 2.3477, -6.3477



243.1890, 3.3578, -3.6738



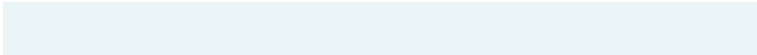
243.7620, -2.3477, 6.3477



243.3980, -3.6472, 3.1590

Sweetspot

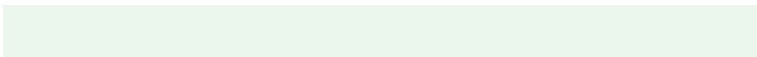
The Sweet Spot groups the original color and five complimentary colors.



242.2380, 2.3477, -6.3477



254.1030, 0.4422, -1.8443



242.2720, -2.5991, -6.3775



126.8150, 0.5842, -0.7148



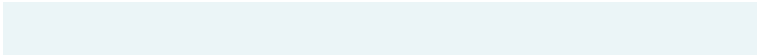
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

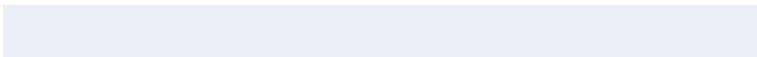
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.2380, 2.3477, -6.3477



248.7540, 3.0793, -7.6773



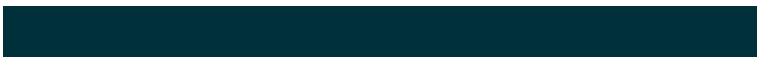
238.7160, 4.0840, -3.2589



119.0210, 1.4686, -4.4034



112.1890, 36.3888, -98.3898



35.4890, 11.5909, -31.1239

Inverse Universe

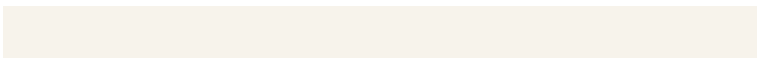
The Inverse Universe completely reimagines the original color for something new.



239.7280, 2.5991, 6.3775



245.8530, 3.0305, 8.0219



243.2840, -4.0840, 3.2589



117.1900, 1.8783, 4.2184



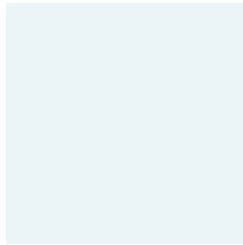
73.2840, 40.2860, 98.8519



23.2270, 12.7061, 31.3729

Previews

White Background



This preview shows how the YUV color 242.2380, 2.3477, -6.3477 looks on a white background.

Color Contrast Check

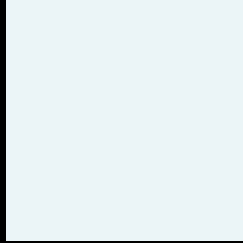
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 242.2380, 2.3477, -6.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

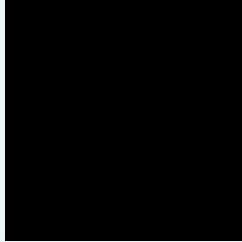
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

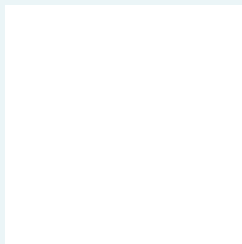
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.2380, 2.3477, -6.3477

Background



This preview shows how black text looks on a background with the YUV color 242.2380, 2.3477, -6.3477.



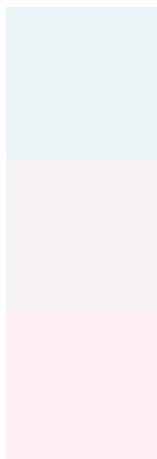
This preview shows how white text looks on a background with the YUV color 242.2380, 2.3477, -6.3477.

-6.3477.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

242.2380, 2.3477, -6.3477

Protanopia

243.5380, 0.7208, 2.1592

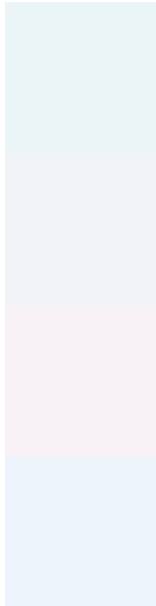
Deuteranopia

244.5820, 0.6991, 9.1366

Tritanopia

243.4710, 5.6838, -3.0441

Trichromacy



Original Color

242.2380, 2.3477, -6.3477

Protanomaly

243.0430, 1.4578, -0.9147

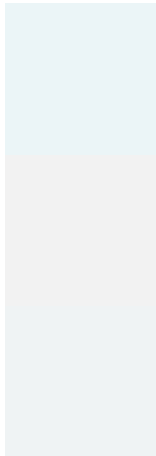
Deuteranomaly

243.6630, 1.1521, 3.8035

Tritanomaly

243.1180, 4.3788, -4.4885

Monochromacy



Original Color

242.2380, 2.3477, -6.3477

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.9180, 1.0264, -2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.2380, 2.3477, -6.3477 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(235, 245, 247)` looks like.

```
.text, #text, p{  
    color:rgb(235, 245, 247)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 245, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 245, 247) }
```

Border

The CSS property to change the border of an element to YUV 242.2380, 2.3477, -6.3477 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 245, 247) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(235, 245, 247) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(235, 245, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 245, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 245, 247);  
box-shadow:4px 4px 4px 4px rgb(235, 245,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 242.2380, 2.3477, -6.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 245, 247) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
245, 247) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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