

Converting Colors

YUV(242.2820, 2.3260, 0.6297)

Have a look what the booklet for
YUV(242.2820, 2.3260, 0.6297)
contains.

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Color

**YUV(242.2820, 2.3260,
0.6297)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F1F7
RGB	243, 241, 247
RGB Percent	95%, 95%, 97%
CMY	0.0471, 0.0549, 0.0314
CMYK	0.02, 0.02, 0.00, 0.03
HSL	260°, 27%, 96%
HSV	260°, 2%, 97%
XYZ	85.2059, 88.6807, 100.6219
YIQ	242.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

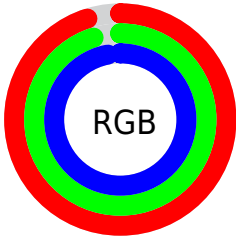
Format	Color
R_{YB}	243, 241, 247
Decimal	15987191
CIE _{Lab}	95.45, 1.74, -2.66
CIE _{LCh}	95, 3.176, 303.157
Yxy	88.6807, 0.3104, 0.3231
Android (android.graphics.Color)	4294177271 (0xFFFF3F1F7)
YUV	242.2820, 2.3260, 0.6297
Hunter-Lab	94.1704, -3.2904, 2.5674

Details

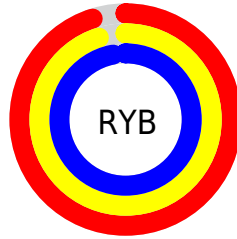
The YUV color `242.2820, 2.3260, 0.6297` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `245.7180, -2.3260, -0.6297`, and the grayscale version is `242.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `186.2820, 2.3260, 0.6297` is the 20% darker color. If you saturate the color by 10%, you get `222.8230, 11.9193, 3.6632`, and if you desaturate by 10%, it is `254.0880, -3.4944, 0.7998`.

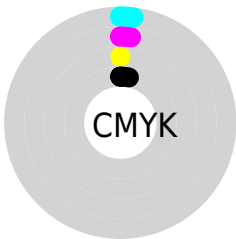
Distribution



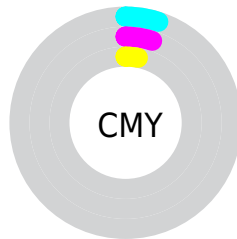
- Red (95%)
- Green (95%)
- Blue (97%)



- Red (95%)
- Yellow (95%)
- Blue (97%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.2820, 2.3260, 0.6297 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 242.2820, 2.3260, 0.6297 by changing the saturation by 10% instead.

242.2820, 2.3260,
0.6297

242.2820, 2.3260,
0.6297

255.0000, 0.0000,
0.0000

214.2820, 2.3260,
0.6297

186.2820, 2.3260,
0.6297

159.2820, 2.3260,
0.6297

133.1680, 1.8892,
0.7297

108.1680, 1.8892,
0.7297

83.8690, 2.0366,
0.1149

60.7550, 1.5998,

0.2149

■ 38.7550, 1.5998,
0.2149

■ 18.1680, 1.8892,
0.7297

■ 242.2820, 2.3260,
0.6297

■ 242.2820, 2.3260,
0.6297

■ 222.8230, 11.9193,
3.6632

■ 254.0880, -3.4944,
0.7998

■ 203.6520, 21.3706,
5.5672

■ 184.1930, 30.9639,
8.6007

■ 164.4350, 40.7045,
11.0195

■ 145.5630, 50.0084,
13.5382

■ 125.8050, 59.7491,
15.9570

■ 106.3460, 69.3424,
18.9906

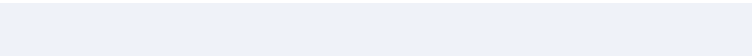
■ 86.5880, 79.0831,
21.4093

■ 67.7160, 88.3870,
23.9281

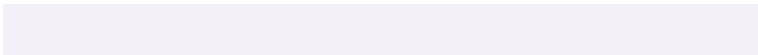
Harmonies

Analogous

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



241.7870, 3.0630, -2.4442



242.2820, 2.3260, 0.6297



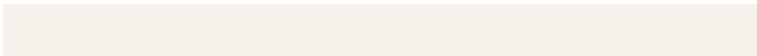
242.3640, 1.2995, 3.1888

Triad

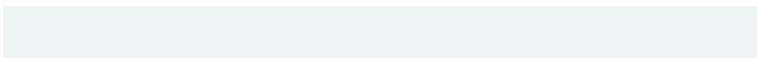
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.2820, 2.3260, 0.6297



242.2240, -3.0684, 4.1886



241.0810, 0.4531, -5.3330

Complementary

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



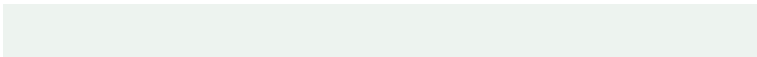
242.2820, 2.3260, 0.6297



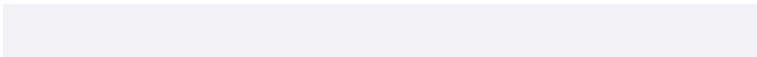
245.7180, -2.3260, -0.6297

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.



240.7500, -0.8628, -3.2887



242.2820, 2.3260, 0.6297



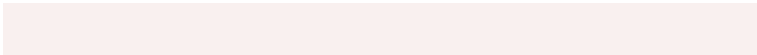
241.9140, -2.9156, 1.8294

Square

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



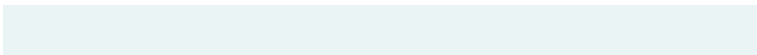
242.2820, 2.3260, 0.6297



242.5770, -1.7635, 5.6330



241.7180, -2.3260, -0.6297



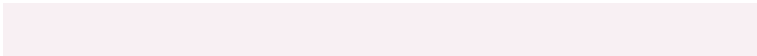
241.4230, 1.7635, -5.6330

Rectangle

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



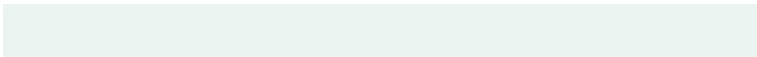
242.2820, 2.3260, 0.6297



242.7340, 0.1311, 4.6183



241.7180, -2.3260, -0.6297



241.2660, -0.1311, -4.6183

Sweetspot

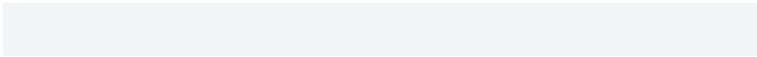
The Sweet Spot groups the original color and five complimentary colors.



242.2820, 2.3260, 0.6297



252.6410, 1.1630, 0.3148



244.0320, 1.4632, -2.6591



126.5270, 0.7262, 0.4148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

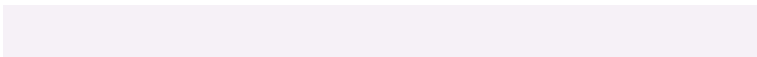
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.2820, 2.3260, 0.6297



248.8090, 3.0522, 1.0445



243.1790, 1.8838, 2.4740



118.7550, 1.5998, 0.2149



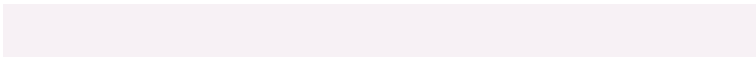
39.7420, 72.1052, 19.5203



12.7060, 22.8229, 6.3968

Inverse Universe

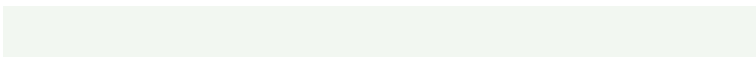
The Inverse Universe completely reimagines the original color for something new.



243.2500, 0.8628, 3.2887



249.9620, 1.0047, 4.4183



244.8210, -1.8838, -2.4740



119.5380, 0.7208, 2.1592



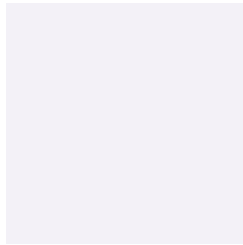
69.7500, 26.7452, 101.9513



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 242.2820, 2.3260, 0.6297 looks on a white background.

Color Contrast Check

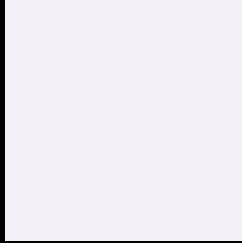
Large Text (above 18pt) WCAG AA × Fail

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 242.2820, 2.3260, 0.6297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

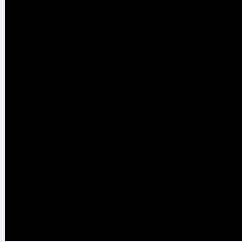
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

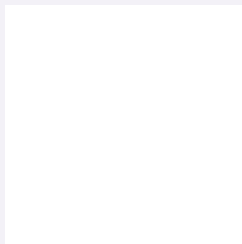
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.2820, 2.3260, 0.6297

Background



This preview shows how black text looks on a background with the YUV color 242.2820, 2.3260, 0.6297.



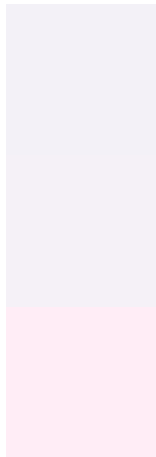
This preview shows how white text looks on a background with the YUV color 242.2820, 2.3260,

0.6297.

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

242.2820, 2.3260, 0.6297

Protanopia

242.8800, 2.0312, 1.8592

Deuteranopia

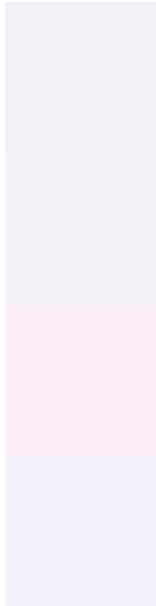
243.4080, 1.2779, 10.1662



Tritanopia

242.9060, 5.9623, 0.9594

Trichromacy



Original Color

242.2820, 2.3260, 0.6297

Protanomaly

242.5810, 2.1786, 1.2445

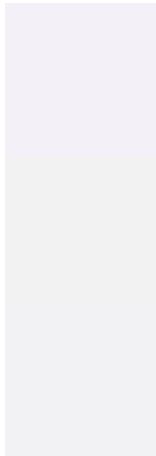
Deuteranomaly

242.7990, 1.5781, 7.1923

Tritanomaly

242.5640, 4.6519, 1.2594

Monochromacy



Original Color

242.2820, 2.3260, 0.6297

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.2820, 2.3260, 0.6297 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(243, 241, 247)` looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 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(243, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 247) }
```

Border

The CSS property to change the border of an element to YUV 242.2820, 2.3260, 0.6297 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(243, 241, 247) }
```


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

```
.border{ border-color:rgb(243, 241, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 241, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 247);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 242.2820, 2.3260, 0.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 247) }
```

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

```
.background{ background-color: rgb(243,  
241, 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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