

Converting Colors

YUV(242.7640, 4.5533,
-13.8250)

Have a look what the booklet for
YUV(242.7640, 4.5533, -13.8250)
contains.

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Color

**YUV(242.7640, 4.5533,
-13.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F9FC
RGB	227, 249, 252
RGB Percent	89%, 98%, 99%
CMY	0.1098, 0.0235, 0.0118
CMYK	0.10, 0.01, 0.00, 0.01
HSL	187°, 81%, 94%
HSV	187°, 10%, 99%
XYZ	83.1249, 91.1105, 105.3004
YIQ	242.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

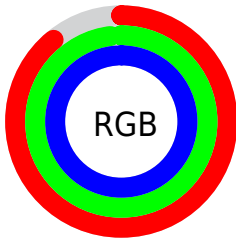
Format	Color
R _Y B	227, 239, 252
Decimal	14940668
CIE Lab	96.46, -6.57, -3.89
CIE LCh	96, 7.635, 210.655
Yxy	91.1105, 0.2974, 0.3259
Android (android.graphics.Color)	4293130748 (0xFFE3F9FC)
YUV	242.7640, 4.5533, -13.8250
Hunter-Lab	95.4518, -11.5927, 1.4088

Details

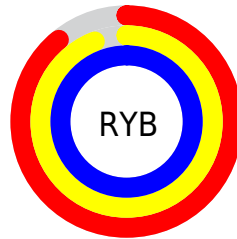
The YUV color $242.7640, 4.5533, -13.8250$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $236.2360, -4.5533, 13.8250$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.6500, 4.1166, -13.7250$ is the 20% darker color. If you saturate the color by 10%, you get $233.5280, 9.1067, -27.6501$, and if you desaturate by 10%, it is $252.0000, 0.0000, 0.0000$.

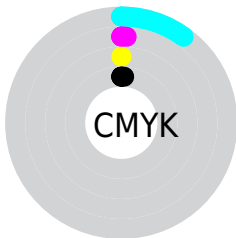
Distribution



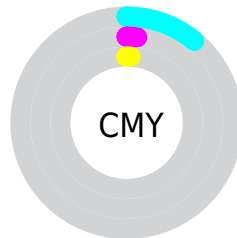
- Red (89%)
- Green (98%)
- Blue (99%)



- Red (89%)
- Yellow (94%)
- Blue (99%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.7640, 4.5533, -13.8250 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 242.7640, 4.5533, -13.8250 by changing the saturation by 10% instead.

■ 242.7640, 4.5533,
-13.8250

■ 242.7640, 4.5533,
-13.8250

255.0000, 0.0000,
0.0000

■ 214.0630, 4.4059,
-13.2103

■ 186.6500, 4.1166,
-13.7250

■ 159.3620, 4.2585,
-12.5955

■ 133.3620, 4.2585,
-12.5955

■ 108.2480, 3.8217,
-12.4955

■ 83.6610, 4.1111,
-11.9807

■ 60.5470, 3.6743,

-11.8807

■ 38.8460, 3.5269,
-11.2659

■ 16.9490, 3.9691,
-13.1103

■ 242.7640, 4.5533,
-13.8250

■ 242.7640, 4.5533,
-13.8250

■ 233.5280, 9.1067,
-27.6501

■ 252.0000, 0.0000,
0.0000

■ 224.2920, 13.6600,
-41.4751

■ 254.6580, -1.3104,
0.2999

■ 214.7570, 18.3608,
-55.9149

■ 205.5210, 22.9141,
-69.7399

■ 196.2850, 27.4675,
-83.5649

■ 187.0490, 32.0208,
-97.3900

■ 177.8130, 36.5742,
-111.2150

■ 168.2780, 41.2749,
-125.6548

■ 159.0420, 45.8283,
-139.4798

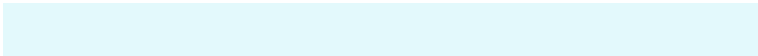
Harmonies

Analogous

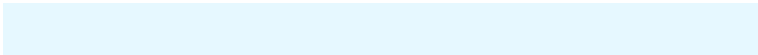
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.5640, 1.2009, -11.8956



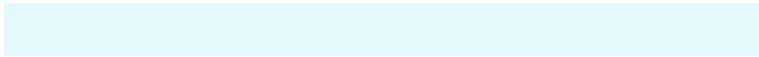
242.7640, 4.5533, -13.8250



243.4160, 5.7109, -11.7658

Triad

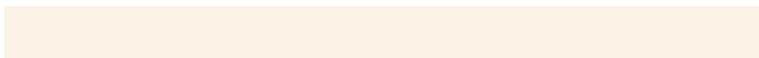
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.7640, 4.5533, -13.8250



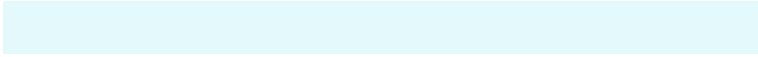
246.4400, 2.7411, 7.5071



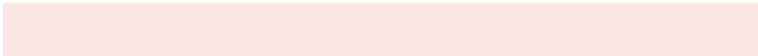
244.4970, -7.1470, 5.7031

Complementary

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



242.7640, 4.5533, -13.8250



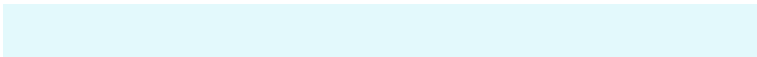
236.2360, -4.5533, 13.8250

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.



244.7470, -6.2843, 8.9919



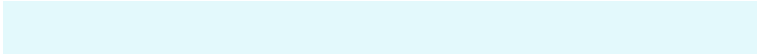
242.7640, 4.5533, -13.8250



245.0550, -0.0271, 8.7218

Square

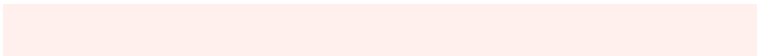
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.7640, 4.5533, -13.8250



245.5640, 4.6519, 1.2594



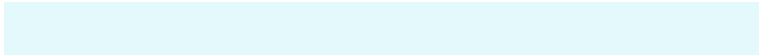
244.2570, -3.0847, 9.4216



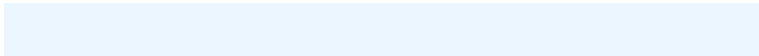
244.0940, -5.9623, -0.9594

Rectangle

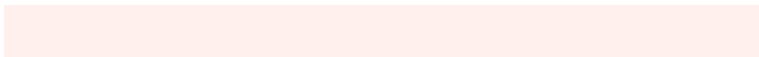
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



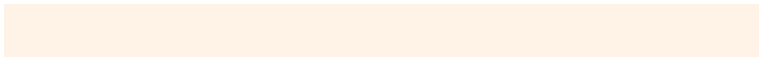
242.7640, 4.5533, -13.8250



243.7370, 5.5527, -7.6623



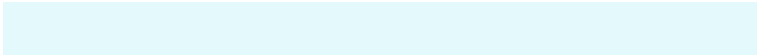
244.2570, -3.0847, 9.4216



244.8070, -7.2999, 8.0623

Sweetspot

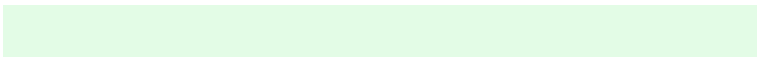
The Sweet Spot groups the original color and five complimentary colors.



242.7640, 4.5533, -13.8250



252.0210, 1.4686, -4.4034



242.0170, -5.9244, -13.1699



125.6190, 1.1738, -3.1739



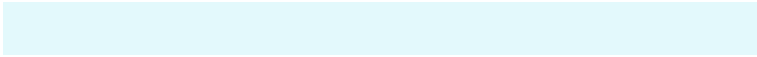
0.0000, 0.0000, 0.0000



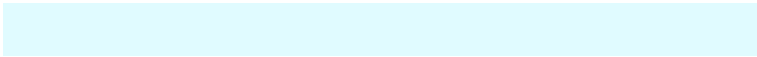
128.0000, 0.0000, 0.0000

Same Dimension

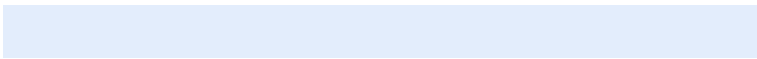
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.7640, 4.5533, -13.8250



243.3830, 5.7272, -16.9989



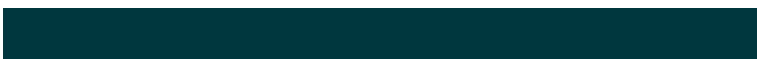
235.7200, 8.0260, -7.6474



119.9390, 2.4951, -6.9625



118.9880, 34.5159, -104.3525



38.6520, 11.0176, -33.8978

Inverse Universe

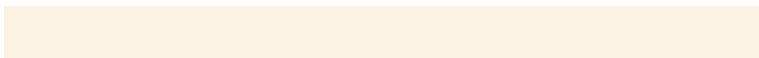
The Inverse Universe completely reimagines the original color for something new.



236.9830, 5.9244, 13.1699



236.3470, 7.2239, 16.3587



243.2800, -8.0260, 7.6474



117.1410, 2.8885, 6.8923



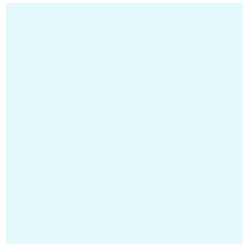
75.4350, 44.6485, 99.5965



24.3950, 14.5953, 32.1026

Previews

White Background



This preview shows how the YUV color 242.7640, 4.5533, -13.8250 looks on a white background.

Color Contrast Check

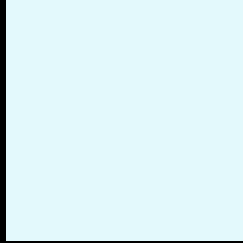
Large Text (above 18pt) WCAG AA × Fail

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 242.7640, 4.5533, -13.8250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

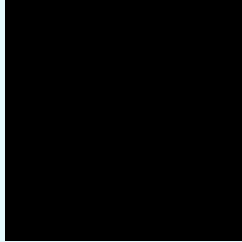
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 242.7640, 4.5533, -13.8250

Background



This preview shows how black text looks on a background with the YUV color 242.7640, 4.5533, -13.8250.



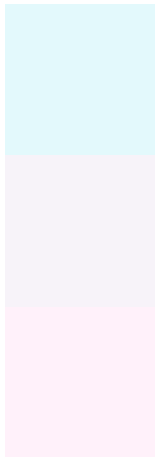
This preview shows how white text looks on a background with the YUV color 242.7640, 4.5533, -13.8250.

-13.8250.

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

242.7640, 4.5533, -13.8250

Protanopia

244.8800, 2.0312, 1.8592

Deuteranopia

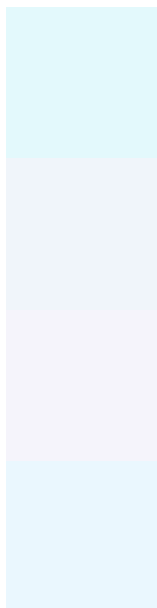
246.2120, 1.8675, 7.7071



Tritanopia

244.6340, 5.1104, -5.8180

Trichromacy



Original Color

242.7640, 4.5533, -13.8250

Protanomaly

244.0750, 2.9210, -3.5738

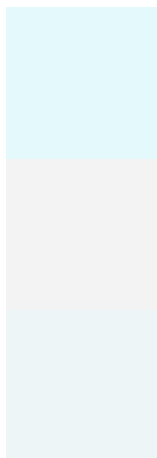
Deuteranomaly

245.0970, 2.9102, -0.0851

Tritanomaly

243.9110, 4.9739, -8.6919

Monochromacy



Original Color

242.7640, 4.5533, -13.8250

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.7220, 1.6161, -5.0182

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.7640, 4.5533, -13.8250 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(227, 249, 252)` looks like.

```
.text, #text, p{  
    color:rgb(227, 249, 252)  
}
```

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(227, 249, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 249, 252) }
```

Border

The CSS property to change the border of an element to YUV 242.7640, 4.5533, -13.8250 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(227, 249, 252) }
```


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

```
.border{ border-color:rgb(227, 249, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 249, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 249, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 249, 252);  
box-shadow:4px 4px 4px 4px rgb(227, 249,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 242.7640, 4.5533, -13.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 249, 252) }
```

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

```
.background{ background-color: rgb(227,  
249, 252) }
```

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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