

Converting Colors

YUV(228.5040, 2.2165,
-10.9660)

Have a look what the booklet for
YUV(228.5040, 2.2165, -10.9660)
contains.

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Color

**YUV(228.5040, 2.2165,
-10.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	D8EAE9
RGB	216, 234, 233
RGB Percent	85%, 92%, 91%
CMY	0.1529, 0.0824, 0.0863
CMYK	0.08, 0.00, 0.00, 0.08
HSL	177°, 30%, 88%
HSV	177°, 8%, 92%
XYZ	72.4497, 79.3278, 88.5841
YIQ	228.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

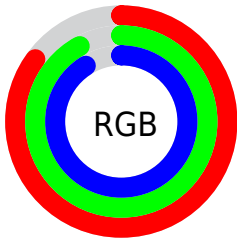
Format	Color
R _Y B	216, 225, 234
Decimal	14215913
CIE Lab	91.38, -6.11, -1.57
CIE LCh	91, 6.312, 194.360
Yxy	79.3278, 0.3014, 0.3300
Android (android.graphics.Color)	4292405993 (0xFFD8EAE9)
YUV	228.5040, 2.2165, -10.9660
Hunter-Lab	89.0661, -10.6672, 3.3772

Details

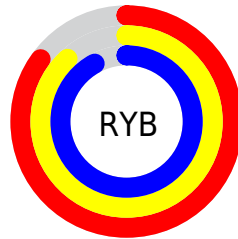
The YUV color $228.5040, 2.2165, -10.9660$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $221.4960, -2.2165, 10.9660$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.8030, 2.0691, -10.3512$ is the 20% darker color. If you saturate the color by 10%, you get $221.5130, 5.1701, -25.0059$, and if you desaturate by 10%, it is $235.4950, -0.7370, 3.0739$.

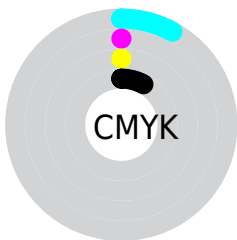
Distribution



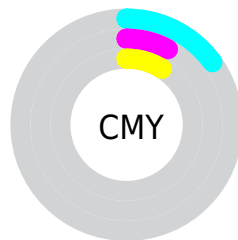
- Red (85%)
- Green (92%)
- Blue (91%)



- Red (85%)
- Yellow (88%)
- Blue (92%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.5040, 2.2165, -10.9660 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 228.5040, 2.2165, -10.9660 by changing the saturation by 10% instead.

■ 228.5040, 2.2165,
-10.9660

■ 228.5040, 2.2165,
-10.9660

255.0000, 0.0000,
0.0000

■ 200.5040, 2.2165,
-10.9660

■ 172.8030, 2.0691,
-10.3512

■ 146.8030, 2.0691,
-10.3512

■ 120.8030, 2.0691,
-10.3512

■ 96.1020, 1.9217,
-9.7365

■ 72.4010, 1.7743,
-9.1217

■ 49.7000, 1.6269,

-8.5069

■ 28.7000, 1.6269,
-8.5069

■ 6.8960, 1.0373,
-6.0478

■ 228.5040, 2.2165,
-10.9660

■ 228.5040, 2.2165,
-10.9660

■ 221.5130, 5.1701,
-25.0059

■ 235.4950, -0.7370,
3.0739

■ 214.1090, 7.8343,
-39.5606

■ 240.5070, -2.2220,
12.7104

■ 207.1180, 10.7878,
-53.6005

■ 240.6210, -1.7852,
12.6104

■ 199.8280, 13.8888,
-68.2552

■ 240.7350, -1.3484,
12.5104

■ 192.8370, 16.8424,
-82.2950

■ 240.8490, -0.9116,
12.4104

■ 185.7320, 19.3591,
-96.2350

■ 241.0770, -0.0380,
12.2105

■ 178.4420, 22.4601,
-110.8896

■ 241.1910, 0.3988,
12.1105

■ 171.4510, 25.4137,
-124.9295

■ 241.3050, 0.8356,
12.0105

■ 164.0470, 28.0778,
-139.4842

■ 241.5330, 1.7092,
11.8106

Harmonies

Analogous

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



228.7170, -0.8465, -8.5218



228.5040, 2.2165, -10.9660



228.7860, 4.5425, -10.3363

Triad

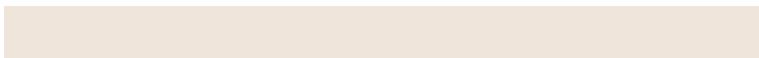
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.5040, 2.2165, -10.9660



231.3470, 3.7729, 3.2037



230.8500, -5.8421, 7.1475

Complementary

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



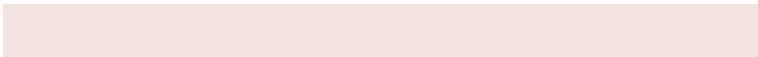
228.5040, 2.2165, -10.9660



221.4960, -2.2165, 10.9660

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.



231.2140, -4.5425, 10.3363



228.5040, 2.2165, -10.9660



231.9840, 0.9939, 7.9070

Square

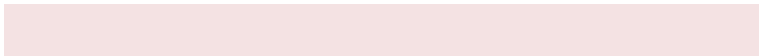
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.5040, 2.2165, -10.9660



230.7700, 5.5364, -2.4293



231.4960, -2.2165, 10.9660



229.9310, -5.3890, 1.8145

Rectangle

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



228.5040, 2.2165, -10.9660



229.1390, 5.8475, -8.8919



231.4960, -2.2165, 10.9660



230.6760, -5.2633, 8.1771

Sweetspot

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



228.5040, 2.2165, -10.9660



253.5050, 0.7370, -3.0739



226.8650, -5.3564, -8.6516



126.9890, 0.0054, -1.7444



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.



228.5040, 2.2165, -10.9660



248.0090, 2.9536, -14.0399



223.9220, 4.9685, -6.9476



113.7110, 1.6215, -6.7625



125.7410, 22.3127, -110.2749



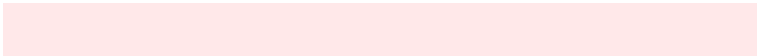
37.5120, 6.6496, -32.8980

Inverse Universe

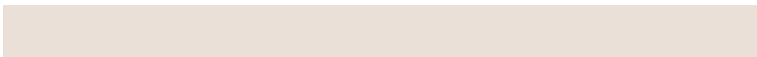
The Inverse Universe completely reimagines the original color for something new.



221.4960, -2.2165, 10.9660



238.9910, -2.9536, 14.0399



226.0780, -4.9685, 6.9476



109.2890, -1.6215, 6.7625



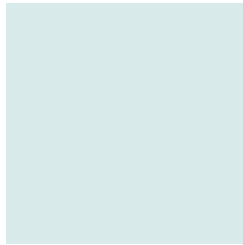
55.2590, -22.3127, 110.2749



16.4880, -6.6496, 32.8980

Previews

White Background



This preview shows how the YUV color 228.5040, 2.2165, -10.9660 looks on a white background.

Color Contrast Check

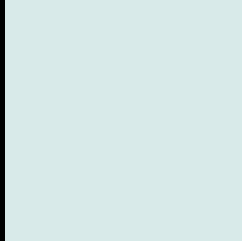
Large Text (above 18pt) WCAG AA × Fail

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 228.5040, 2.2165, -10.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

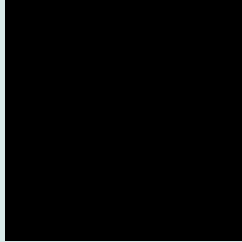
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

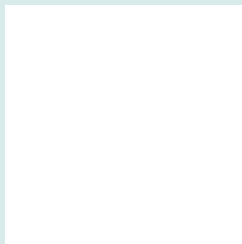
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.5040, 2.2165, -10.9660

Background



This preview shows how black text looks on a background with the YUV color 228.5040, 2.2165, -10.9660.



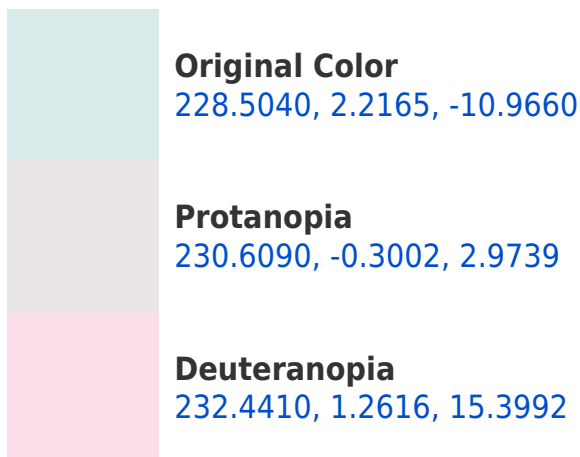
This preview shows how white text looks on a background with the YUV color 228.5040, 2.2165, -10.9660.

-10.9660.

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

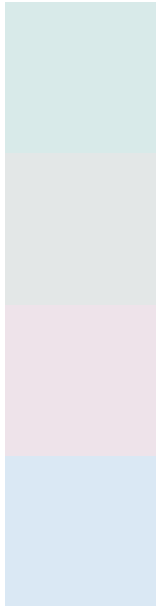




Tritanopia

229.5780, 10.0680, -9.2769

Trichromacy



Original Color

228.5040, 2.2165, -10.9660

Protanomaly

229.8040, 0.5896, -2.4591

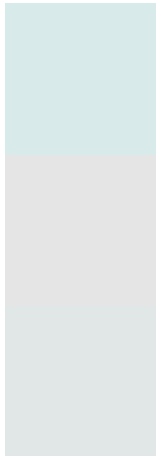
Deuteranomaly

231.0870, 1.4361, 6.0627

Tritanomaly

229.1820, 7.3053, -9.8066

Monochromacy



Original Color

228.5040, 2.2165, -10.9660

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.7930, 0.5951, -4.2035

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.5040, 2.2165, -10.9660 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(216, 234, 233)` looks like.

```
.text, #text, p{  
    color:rgb(216, 234, 233)  
}
```

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(216, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 234, 233) }
```

Border

The CSS property to change the border of an element to YUV 228.5040, 2.2165, -10.9660 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(216, 234, 233) }
```


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

```
.border{ border-color:rgb(216, 234, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(216, 234,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 228.5040, 2.2165, -10.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 234, 233) }
```

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

```
.background{ background-color: rgb(216,  
234, 233) }
```

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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