

Converting Colors

YUV(216.2010, -31.6511,
25.2567)

Have a look what the booklet for
YUV(216.2010, -31.6511, 25.2567)
contains.

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Color

**YUV(216.2010, -31.6511,
25.2567)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D698
RGB	245, 214, 152
RGB Percent	96%, 84%, 60%
CMY	0.0392, 0.1608, 0.4039
CMYK	0.00, 0.13, 0.38, 0.04
HSL	40°, 82%, 78%
HSV	40°, 38%, 96%
XYZ	67.3703, 69.7726, 39.6224
YIQ	216.2010, 38.3780, -12.7100

Conversions

Conversions Part 2

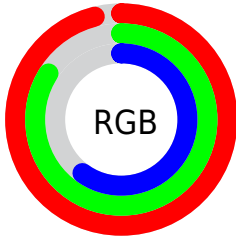
Format	Color
R _Y B	199, 245, 152
Decimal	16111256
CIE Lab	86.89, 2.34, 34.60
CIE LCh	87, 34.680, 86.138
Yxy	69.7726, 0.3811, 0.3947
Android (android.graphics.Color)	4294301336 (0xFFFF5D698)
YUV	216.2010, -31.6511, 25.2567
Hunter-Lab	83.5300, -2.2102, 30.3468

Details

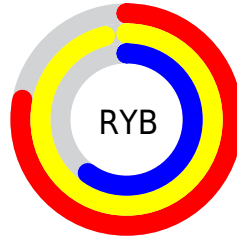
The YUV color $216.2010, -31.6511, 25.2567$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $180.7990, 31.6511, -25.2567$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.5280, -20.9663, 4.7989$, and $160.6460, -29.8985, 23.1125$ is the 20% darker color. If you saturate the color by 10%, you get $208.7690, -39.8191, 31.7746$, and if you desaturate by 10%, it is $223.7470, -23.0463, 18.6389$.

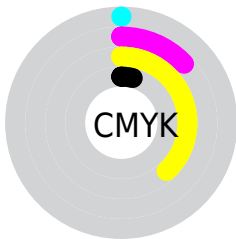
Distribution



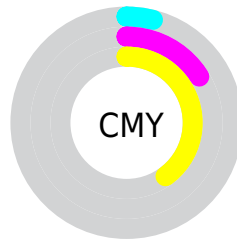
- Red (96%)
- Green (84%)
- Blue (60%)



- Red (78%)
- Yellow (96%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2010, -31.6511, 25.2567 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 216.2010, -31.6511, 25.2567 by changing the saturation by 10% instead.

216.2010,
-31.6511, 25.2567

216.2010,
-31.6511, 25.2567

255.0000, 0.0000,
0.0000

188.1300,
-30.6301, 24.4420

249.5280,
-20.9663, 4.7989

160.6460,
-29.8985, 23.1125

252.7200, -8.7360,
1.9996

134.2760,
-28.7301, 21.6829

108.7920,
-27.9985, 20.3534

84.1940, -27.7036,
19.1239

60.1830, -27.6982,
17.3795

39.3380, -19.3936,

13.7356

■ 20.4220, -10.0680,
9.2769

■ 0.0000, 0.0000,
0.0000

■ 216.2010,
-31.6511, 25.2567

■ 216.2010,
-31.6511, 25.2567

■ 208.7690,
-39.8191, 31.7746

■ 223.7470,
-23.0463, 18.6389

■ 201.2230,
-48.4239, 38.3924

■ 231.1790,
-14.8782, 12.1210

■ 193.6770,
-57.0288, 45.0103

■ 239.3120, -6.5628,
4.9884

■ 185.6580,
-64.9074, 52.0429

■ 246.7440, 1.6052,
-1.5295

■ 178.1120,
-73.5122, 58.6608

■ 252.0100, 1.4741,
-6.1478

■ 170.6800,
-81.6802, 65.1786

■ 168.9360,
-83.2854, 66.7081

Harmonies

Analogous

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



214.1020, -24.7003, 35.8675



216.2010, -31.6511, 25.2567



212.5890, -26.9124, -1.3936

Triad

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



216.2010, -31.6511, 25.2567



199.9610, 22.2042, -75.3878



222.7150, 15.9165, 28.3139

Complementary

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



216.2010, -31.6511, 25.2567



180.7990, 31.6511, -25.2567

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.



217.8100, 18.3347, -0.7104



216.2010, -31.6511, 25.2567



202.6400, 25.8135, -66.3363

Square

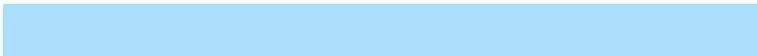
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.2010, -31.6511, 25.2567



203.3640, 4.2575, -59.0782



209.9150, 22.2269, -35.8825



215.5450, 3.6753, 34.6020

Rectangle

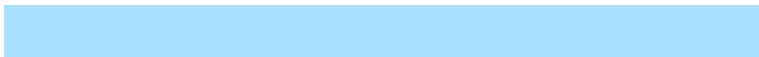
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.2010, -31.6511, 25.2567



210.1180, -19.2852, -21.1515



209.9150, 22.2269, -35.8825



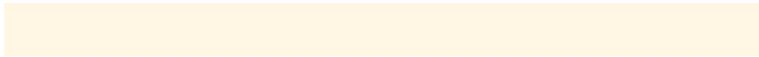
221.1870, 16.6698, 20.0070

Sweetspot

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



216.2010, -31.6511, 25.2567



246.5250, -9.6258, 7.4326



183.3410, -0.1681, 54.0749



122.5400, -5.6892, 4.7884



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.



216.2010, -31.6511, 25.2567



218.7690, -39.8191, 31.7746



229.9130, -38.4111, 0.0763



118.2840, -4.0840, 3.2589



128.4020, -63.3022, 50.5134



40.5340, -19.9833, 16.1947

Inverse Universe

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



180.7990, 31.6511, -25.2567



174.2310, 39.8191, -31.7746



167.0870, 38.4111, -0.0763



113.7160, 4.0840, -3.2589



57.5980, 63.3022, -50.5134



18.4660, 19.9833, -16.1947

Previews

White Background



This preview shows how the YUV color 216.2010, -31.6511, 25.2567 looks on a white background.

Color Contrast Check

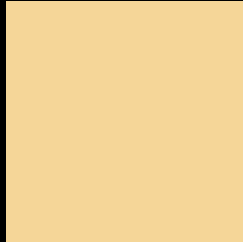
Large Text (above 18pt) WCAG AA × Fail

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 216.2010, -31.6511, 25.2567 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 216.2010, -31.6511, 25.2567 Background



This preview shows how black text looks on a background with the YUV color 216.2010, -31.6511, 25.2567.



This preview shows how white text looks on a background with the YUV color 216.2010, -31.6511, 25.2567.

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

216.2010, -31.6511, 25.2567

Protanopia

215.6730, -30.8978, 16.9498

Deuteranopia

217.3960, -27.3102, 32.9787



Tritanopia

220.8770, 0.0606, 27.2949

Trichromacy



Original Color

216.2010, -31.6511, 25.2567

Protanomaly

216.2820, -31.1980, 19.9237

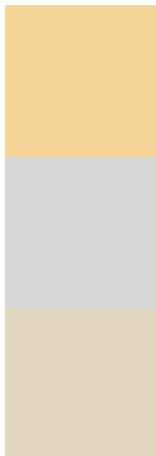
Deuteranomaly

216.9180, -29.0466, 29.8899

Tritanomaly

218.8910, -11.2853, 26.4056

Monochromacy



Original Color

216.2010, -31.6511, 25.2567

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0800, -11.3784, 9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2010, -31.6511, 25.2567 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(245, 214, 152)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 152)  
}
```

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(245, 214, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 152) }
```

Border

The CSS property to change the border of an element to YUV 216.2010, -31.6511, 25.2567 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(245, 214, 152) }
```


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

```
.border{ border-color:rgb(245, 214, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 214, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 152);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 216.2010, -31.6511, 25.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 152) }
```

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

```
.background{ background-color: rgb(245,  
214, 152) }
```

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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