

Converting Colors

YUV(212.1680, -28.1838,
33.1787)

Have a look what the booklet for
YUV(212.1680, -28.1838, 33.1787)
contains.

YUV(212.1680, -28.1838, 33.1787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(212.1680, -28.1838,
33.1787)**

Conversions

Conversions Part 1

Format	Color
Hex	FACC9B
RGB	250, 204, 155
RGB Percent	98%, 80%, 61%
CMY	0.0196, 0.2000, 0.3922
CMYK	0.00, 0.18, 0.38, 0.02
HSL	31°, 90%, 79%
HSV	31°, 38%, 98%
XYZ	66.9336, 65.8763, 40.1980
YIQ	212.1680, 43.1450, -5.4870

Conversions

Conversions Part 2

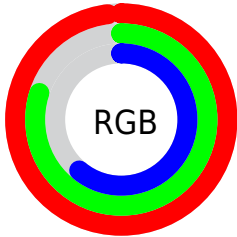
Format	Color
R _Y B	244, 250, 155
Decimal	16436379
CIE Lab	84.93, 9.78, 30.55
CIE LCh	85, 32.076, 72.240
Yxy	65.8763, 0.3869, 0.3808
Android (android.graphics.Color)	4294626459 (0xFFFAACC9B)
YUV	212.1680, -28.1838, 33.1787
Hunter-Lab	81.1642, 5.1661, 27.4506

Details

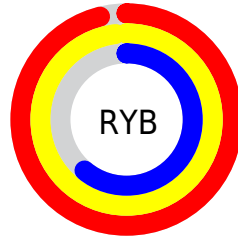
The YUV color $212.1680, -28.1838, 33.1787$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $192.8320, 28.1838, -33.1787$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.8700, -19.6559, 4.4990$, and $157.2000, -26.7206, 30.5196$ is the 20% darker color. If you saturate the color by 10%, you get $202.2740, -35.6311, 41.8557$, and if you desaturate by 10%, it is $222.0620, -20.7366, 24.5016$.

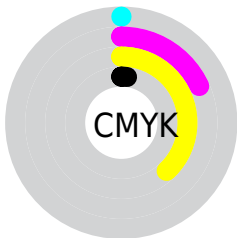
Distribution



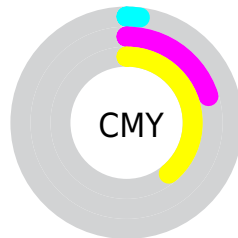
- Red (98%)
- Green (80%)
- Blue (61%)



- Red (96%)
- Yellow (98%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.1680, -28.1838, 33.1787 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 212.1680, -28.1838, 33.1787 by changing the saturation by 10% instead.

212.1680,
-28.1838, 33.1787

212.1680,
-28.1838, 33.1787

255.0000, 0.0000,
0.0000

184.6840,
-27.4522, 31.8491

249.8700,
-19.6559, 4.4990

157.2000,
-26.7206, 30.5196

253.0620, -7.4256,
1.6996

130.8300,
-25.5522, 29.0901

105.0470,
-24.6732, 27.1458

80.3780, -23.3574,
25.1015

57.0680, -23.2045,
22.7424

35.8380, -17.6681,

20.3131

■ 16.0360, -7.9057,
15.7544

■ 0.0000, 0.0000,
0.0000

■ 212.1680,
-28.1838, 33.1787

■ 212.1680,
-28.1838, 33.1787

■ 202.2740,
-35.6311, 41.8557

■ 222.0620,
-20.7366, 24.5016

■ 192.3800,
-43.0783, 50.5327

■ 231.9560,
-13.2893, 15.8246

■ 182.4860,
-50.5256, 59.2098

■ 241.8500, -5.8420,
7.1476

■ 172.5920,
-57.9729, 67.8868

■ 251.7440, 1.6052,
-1.5295

■ 162.1110,
-65.1307, 77.0787

■ 253.5050, 0.7370,
-3.0739

■ 152.2170,
-72.5780, 85.7557

■ 150.4730,
-74.1832, 87.2852

Harmonies

Analogous

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



210.4320, -18.4540, 39.0861



212.1680, -28.1838, 33.1787



209.1390, -27.6765, 10.4021

Triad

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



212.1680, -28.1838, 33.1787



197.6330, 12.9989, -62.8221



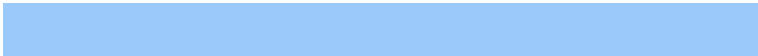
215.8380, 19.3069, 14.1741

Complementary

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



212.1680, -28.1838, 33.1787



192.8320, 28.1838, -33.1787

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.



210.3350, 22.0198, -16.0798



212.1680, -28.1838, 33.1787



198.4550, 26.3977, -67.0510

Square

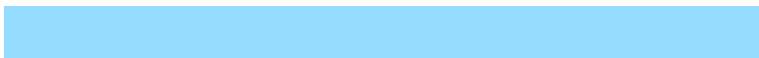
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.1680, -28.1838, 33.1787



201.5850, -4.2324, -42.6090



202.7610, 25.7538, -47.1484



215.2830, 7.7485, 34.8318

Rectangle

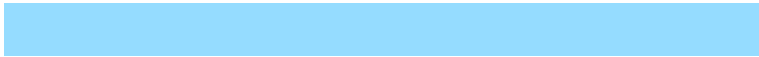
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.1680, -28.1838, 33.1787



206.8810, -23.1123, -6.9116



202.7610, 25.7538, -47.1484



214.5980, 19.9182, 4.7376

Sweetspot

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



212.1680, -28.1838, 33.1787



243.5900, -8.1789, 10.0066



188.8770, 6.9626, 53.6049



120.7790, -4.8210, 6.3328



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.



212.1680, -28.1838, 33.1787



208.2030, -34.6101, 41.0410



239.1700, -41.4958, 9.4979



119.9960, -3.9420, 4.3885



113.4500, -55.9308, 66.2574



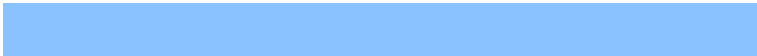
37.0230, -18.2523, 21.0278

Inverse Universe

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



192.8320, 28.1838, -33.1787



184.2100, 34.8995, -40.5262



165.8300, 41.4958, -9.4979



117.5910, 3.6526, -4.9033



74.9630, 56.2202, -65.7426



24.5640, 17.9629, -21.5426

Previews

White Background



This preview shows how the YUV color 212.1680, -28.1838, 33.1787 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 212.1680, -28.1838, 33.1787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

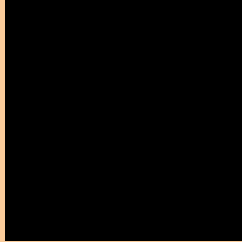
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.1680, -28.1838, 33.1787

Background



This preview shows how black text looks on a background with the YUV color 212.1680, -28.1838, 33.1787.



This preview shows how white text looks on a background with the YUV color 212.1680, -28.1838, 33.1787.

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

212.1680, -28.1838, 33.1787

Protanopia

210.7420, -25.5088, 15.1353

Deuteranopia

211.8800, -28.0418, 34.3082



Tritanopia

216.0520, -1.9976, 34.1574

Trichromacy



Original Color

212.1680, -28.1838, 33.1787

Protanomaly

211.2590, -26.2567, 21.6979

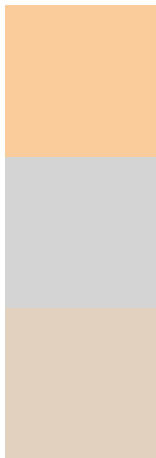
Deuteranomaly

211.8800, -28.0418, 34.3082

Tritanomaly

214.8210, -11.7438, 33.4830

Monochromacy



Original Color

212.1680, -28.1838, 33.1787

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.0310, -10.3683, 12.2508

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.1680, -28.1838, 33.1787 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(250, 204, 155)` looks like.

```
.text, #text, p{  
    color:rgb(250, 204, 155)  
}
```

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(250, 204, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 204, 155) }
```

Border

The CSS property to change the border of an element to YUV 212.1680, -28.1838, 33.1787 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(250, 204, 155) }
```


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

```
.border{ border-color:rgb(250, 204, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 204, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 204, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 204, 155);  
box-shadow:4px 4px 4px 4px rgb(250, 204,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 212.1680, -28.1838, 33.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 204, 155) }
```

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

```
.background{ background-color: rgb(250,  
204, 155) }
```

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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