

Converting Colors

YUV(212.7910, -23.0680,
25.6163)

Have a look what the booklet for
YUV(212.7910, -23.0680, 25.6163)
contains.

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Color

**YUV(212.7910, -23.0680,
25.6163)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CFA6
RGB	242, 207, 166
RGB Percent	95%, 81%, 65%
CMY	0.0510, 0.1882, 0.3490
CMYK	0.00, 0.14, 0.31, 0.05
HSL	32°, 75%, 80%
HSV	32°, 31%, 95%
XYZ	65.8137, 66.2561, 45.3963
YIQ	212.7910, 34.0210, -5.3310

Conversions

Conversions Part 2

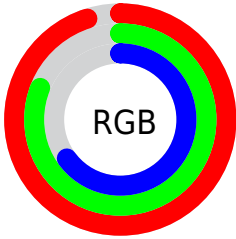
Format	Color
R_{YB}	231, 242, 166
Decimal	15912870
CIE _{Lab}	85.13, 6.45, 24.95
CIE _{LCh}	85, 25.767, 75.492
Yxy	66.2561, 0.3709, 0.3733
Android (android.graphics.Color)	4294102950 (0xFF2CFA6)
YUV	212.7910, -23.0680, 25.6163
Hunter-Lab	81.3978, 1.8789, 23.9119

Details

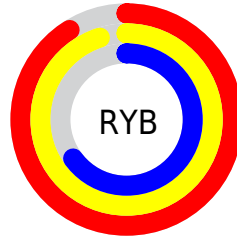
The YUV color $212.7910, -23.0680, 25.6163$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $195.2090, 23.0680, -25.6163$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1240, -14.8511, 3.3993$, and $158.1220, -21.7521, 23.5720$ is the 20% darker color. If you saturate the color by 10%, you get $203.5980, -30.3678, 33.6786$, and if you desaturate by 10%, it is $221.9840, -15.7681, 17.5540$.

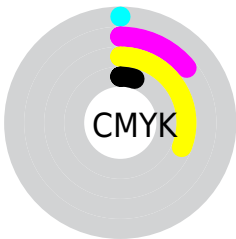
Distribution



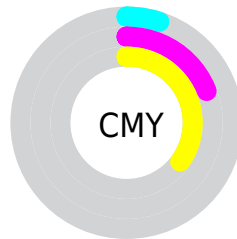
- Red (95%)
- Green (81%)
- Blue (65%)



- Red (91%)
- Yellow (95%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (31%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.7910, -23.0680, 25.6163 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 212.7910, -23.0680, 25.6163 by changing the saturation by 10% instead.

212.7910,
-23.0680, 25.6163

212.7910,
-23.0680, 25.6163

255.0000, 0.0000,
0.0000

185.1930,
-22.7731, 24.3867

251.1240,
-14.8511, 3.3993

158.1220,
-21.7521, 23.5720

254.4300, -2.1840,
0.4999

131.6380,
-21.0205, 22.2425

106.1540,
-20.2889, 20.9129

81.7840, -19.1205,
19.4834

58.3000, -18.3889,
18.1539

36.4030, -17.9467,

16.3096

■ 16.9000, -8.3317,
12.3657

■ 0.0000, 0.0000,
0.0000

■ 212.7910,
-23.0680, 25.6163

■ 212.7910,
-23.0680, 25.6163

■ 203.5980,
-30.3678, 33.6786

■ 221.9840,
-15.7681, 17.5540

■ 194.4050,
-37.6677, 41.7408

■ 231.1770, -8.4683,
9.4918

■ 185.0980,
-45.4043, 49.9031

■ 240.4840, -0.7316,
1.3295

■ 175.3180,
-52.4148, 58.4801

■ 249.3520, 2.7845,
-6.4477

■ 166.1250,
-59.7146, 66.5424

■ 251.1130, 1.9163,
-7.9921

■ 156.9320,
-67.0145, 74.6046

■ 149.2550,
-73.5827, 81.3374

Harmonies

Analogous

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



214.0510, -17.2801, 35.9123



212.7910, -23.0680, 25.6163



210.3110, -21.8453, 6.7433

Triad

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



212.7910, -23.0680, 25.6163



202.5530, 11.0664, -49.5970



216.1000, 15.2337, 13.9443

Complementary

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



212.7910, -23.0680, 25.6163



195.2090, 23.0680, -25.6163

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.



213.0260, 20.6932, -10.5468



212.7910, -23.0680, 25.6163



203.4850, 20.9599, -49.5373

Square

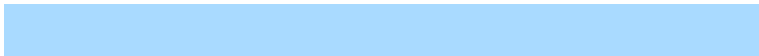
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.7910, -23.0680, 25.6163



204.4980, -2.2175, -35.5167



207.5670, 23.3845, -33.8233



217.2350, 3.8281, 32.2429

Rectangle

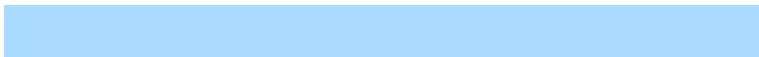
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.7910, -23.0680, 25.6163



208.6620, -17.5814, -7.5966



207.5670, 23.3845, -33.8233



215.4410, 18.0236, 5.7522

Sweetspot

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



212.7910, -23.0680, 25.6163



245.9210, -6.8631, 7.9623



192.7140, 4.0850, 43.2238



122.1810, -4.5262, 5.1033



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

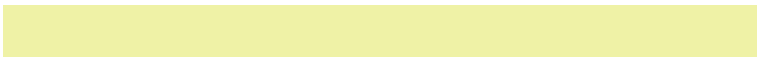
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.7910, -23.0680, 25.6163



217.5270, -29.3468, 32.8638



232.4390, -32.7544, 5.7540



115.1100, -3.5052, 4.2885



113.1290, -55.7726, 62.1539



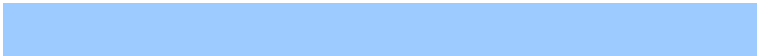
34.3540, -16.9365, 18.9835

Inverse Universe

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



195.2090, 23.0680, -25.6163



195.4730, 29.3468, -32.8638



175.5610, 32.7544, -5.7540



112.3030, 3.7946, -3.7737



70.8710, 55.7726, -62.1539



21.6460, 16.9365, -18.9835

Previews

White Background



This preview shows how the YUV color 212.7910, -23.0680, 25.6163 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 212.7910, -23.0680, 25.6163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

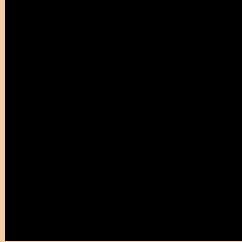
Any Text WCAG AA ✓ Pass

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 212.7910, -23.0680, 25.6163 Background



This preview shows how black text looks on a background with the YUV color 212.7910, -23.0680, 25.6163.



This preview shows how white text looks on a background with the YUV color 212.7910, -23.0680,

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

212.7910, -23.0680, 25.6163

Protanopia

211.2840, -20.8460, 12.9059

Deuteranopia

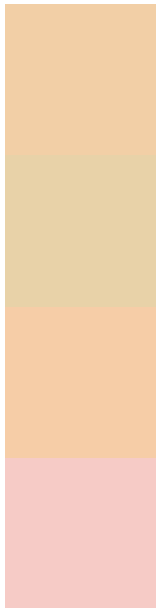
213.2370, -22.7948, 31.3642



Tritanopia

216.1760, -0.0868, 27.9096

Trichromacy



Original Color

212.7910, -23.0680, 25.6163

Protanomaly

211.7900, -21.5885, 17.7242

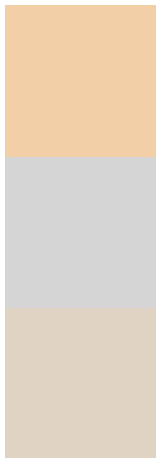
Deuteranomaly

212.9270, -22.6420, 29.0050

Tritanomaly

215.2870, -8.5225, 26.9353

Monochromacy



Original Color

212.7910, -23.0680, 25.6163

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.1770, -8.4683, 9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7910, -23.0680, 25.6163 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(242, 207, 166)` looks like.

```
.text, #text, p{  
    color:rgb(242, 207, 166)  
}
```

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(242, 207, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 207, 166) }
```

Border

The CSS property to change the border of an element to YUV 212.7910, -23.0680, 25.6163 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(242, 207, 166) }
```


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

```
.border{ border-color:rgb(242, 207, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 207, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 207, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 207, 166); box-shadow:4px 4px 4px 4px rgb(242, 207, 166) }
```

Background

The CSS property to change the background color of an element to YUV 212.7910, -23.0680, 25.6163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 207, 166) }
```

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

```
.background{ background-color: rgb(242,  
207, 166) }
```

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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