

Converting Colors

YUV(216.0310, -10.3683,
12.2508)

Have a look what the booklet for
YUV(216.0310, -10.3683, 12.2508)
contains.

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Color

**YUV(216.0310, -10.3683,
12.2508)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D5C3
RGB	230, 213, 195
RGB Percent	90%, 84%, 76%
CMY	0.0980, 0.1647, 0.2353
CMYK	0.00, 0.07, 0.15, 0.10
HSL	31°, 41%, 83%
HSV	31°, 15%, 90%
XYZ	66.2777, 68.3516, 61.3297
YIQ	216.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

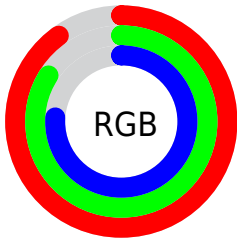
Format	Color
R _Y B	228, 230, 195
Decimal	15128003
CIE Lab	86.18, 2.94, 11.00
CIE LCh	86, 11.392, 75.022
Yxy	68.3516, 0.3382, 0.3488
Android (android.graphics.Color)	4293318083 (0xFFE6D5C3)
YUV	216.0310, -10.3683, 12.2508
Hunter-Lab	82.6750, -1.5841, 13.8902

Details

The YUV color $216.0310, -10.3683, 12.2508$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $208.9690, 10.3683, -12.2508$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, -1.3104, 0.2999$, and $160.8460, -9.7841, 11.5361$ is the 20% darker color. If you saturate the color by 10%, you get $206.9520, -17.2313, 20.2131$, and if you desaturate by 10%, it is $225.1100, -3.5052, 4.2885$.

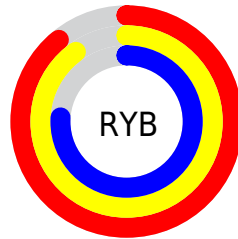
Distribution



Red (90%)

Green (84%)

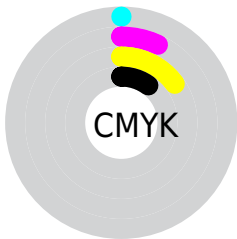
Blue (76%)



Red (89%)

Yellow (90%)

Blue (76%)

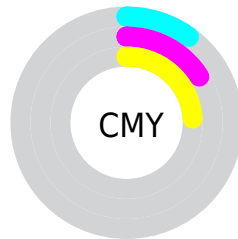


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.0310, -10.3683, 12.2508 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 216.0310, -10.3683, 12.2508 by changing the saturation by 10% instead.

■ 216.0310,
-10.3683, 12.2508

■ 216.0310,
-10.3683, 12.2508

255.0000, 0.0000,
0.0000

■ 188.1450, -9.9315,
12.1508

254.6580, -1.3104,
0.2999

■ 160.8460, -9.7841,
11.5361

■ 134.6610, -9.1999,
10.8213

■ 109.6610, -9.1999,
10.8213

■ 85.1770, -8.4683,
9.4918

■ 61.8780, -8.3209,
8.8770

■ 39.8070, -7.2999,

8.0623

■ 19.5360, -9.6312,
9.1769

■ 0.0000, 0.0000,
0.0000

■ 216.0310,
-10.3683, 12.2508

■ 216.0310,
-10.3683, 12.2508

■ 206.9520,
-17.2313, 20.2131

■ 225.1100, -3.5052,
4.2885

■ 197.8730,
-24.0944, 28.1754

■ 234.1890, 3.3578,
-3.6738

■ 188.2070,
-30.6681, 36.6525

■ 242.8290, 6.0003,
-11.2510

■ 179.1280,
-37.5311, 44.6147

■ 247.5250, 3.6852,
-15.3694

■ 170.0490,
-44.3942, 52.5770

■ 160.9700,
-51.2572, 60.5393

■ 151.8910,
-58.1203, 68.5016

■ 142.8120,
-64.9833, 76.4639

■ 138.0360,
-68.0517, 80.6524

Harmonies

Analogous

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



217.0470, -7.9112, 17.4988



216.0310, -10.3683, 12.2508



215.0900, -9.9044, 3.4291

Triad

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



216.0310, -10.3683, 12.2508



212.0190, 4.4276, -20.1877



217.1670, 6.8197, 5.9925

Complementary

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



216.0310, -10.3683, 12.2508



208.9690, 10.3683, -12.2508

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.



216.1980, 9.7624, -4.5586



216.0310, -10.3683, 12.2508



212.7570, 8.5008, -19.9579

Square

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



216.0310, -10.3683, 12.2508



212.5590, -1.2616, -15.3992



214.0720, 10.8105, -14.0951



217.8430, 1.5564, 14.1697

Rectangle

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



216.0310, -10.3683, 12.2508



213.9150, -7.8461, -3.4335



214.0720, 10.8105, -14.0951



216.7860, 7.9935, 2.8187

Sweetspot

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



216.0310, -10.3683, 12.2508



249.9960, -3.9420, 4.3885



207.5170, 2.7031, 19.7176



124.7400, -2.3368, 2.8590



0.0000, 0.0000, 0.0000



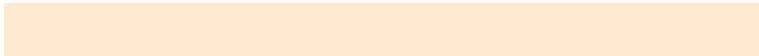
128.0000, 0.0000, 0.0000

Same Dimension

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



216.0310, -10.3683, 12.2508



236.8420, -13.7261, 15.9246



226.0100, -15.2879, 3.4992



110.1100, -3.5052, 4.2885



107.5250, -53.0098, 62.6836



30.5110, -15.0419, 17.9689

Inverse Universe

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



208.9690, 10.3683, -12.2508



227.1580, 13.7261, -15.9246



198.9900, 15.2879, -3.4992



107.8900, 3.5052, -4.2885



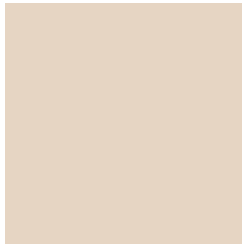
71.4750, 53.0098, -62.6836



20.4890, 15.0419, -17.9689

Previews

White Background



This preview shows how the YUV color 216.0310, -10.3683, 12.2508 looks on a white background.

Color Contrast Check

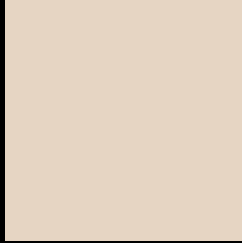
Large Text (above 18pt) WCAG AA × Fail

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 216.0310, -10.3683, 12.2508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

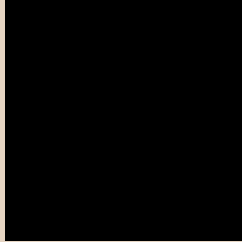
Any Text WCAG AA ✓ Pass

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 216.0310, -10.3683, 12.2508 Background



This preview shows how black text looks on a background with the YUV color 216.0310, -10.3683, 12.2508.



This preview shows how white text looks on a background with the YUV color 216.0310, -10.3683, 12.2508.

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

216.0310, -10.3683, 12.2508

Protanopia

215.5250, -9.6258, 7.4326

Deuteranopia

217.3960, -10.5482, 23.3317



Tritanopia

218.2990, 3.3036, 13.7698

Trichromacy



Original Color

216.0310, -10.3683, 12.2508

Protanomaly

215.5360, -9.6312, 9.1769

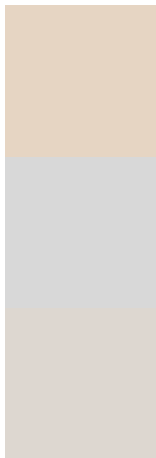
Deuteranomaly

217.0750, -10.3900, 19.2282

Tritanomaly

217.3330, -1.6432, 13.7400

Monochromacy



Original Color

216.0310, -10.3683, 12.2508

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.9960, -3.9420, 4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.0310, -10.3683, 12.2508 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(230, 213, 195)` looks like.

```
.text, #text, p{  
    color:rgb(230, 213, 195)  
}
```

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(230, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 213, 195) }
```

Border

The CSS property to change the border of an element to YUV 216.0310, -10.3683, 12.2508 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(230, 213, 195) }
```


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

```
.border{ border-color:rgb(230, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(230, 213,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 216.0310, -10.3683, 12.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 213, 195) }
```

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

```
.background{ background-color: rgb(230,  
213, 195) }
```

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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