

Converting Colors

YUV(216.3910, -3.1508,
-16.1289)

Have a look what the booklet for
YUV(216.3910, -3.1508, -16.1289)
contains.

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Color

**YUV(216.3910, -3.1508,
-16.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E3D2
RGB	198, 227, 210
RGB Percent	78%, 89%, 82%
CMY	0.2235, 0.1098, 0.1765
CMYK	0.13, 0.00, 0.07, 0.11
HSL	145°, 34%, 83%
HSV	145°, 13%, 89%
XYZ	62.3906, 71.5971, 71.5040
YIQ	216.3910, -11.8270, -11.4350

Conversions

Conversions Part 2

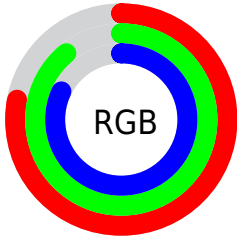
Format	Color
RYB	198, 219, 227
Decimal	13034450
CIELab	87.77, -12.76, 5.08
CIELCh	88, 13.736, 158.297
Yxy	71.5971, 0.3036, 0.3484
Android (android.graphics.Color)	4291224530 (0xFFC6E3D2)
YUV	216.3910, -3.1508, -16.1289
Hunter-Lab	84.6151, -16.4599, 9.1275

Details

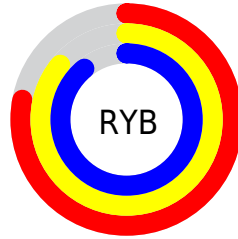
The YUV color **216.3910, -3.1508, -16.1289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **208.6090, 3.1508, 16.1289**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **161.8040, -2.8614, -15.6141** is the 20% darker color. If you saturate the color by 10%, you get **208.0320, -5.4388, -28.9691**, and if you desaturate by 10%, it is **224.7500, -0.8627, -3.2887**.

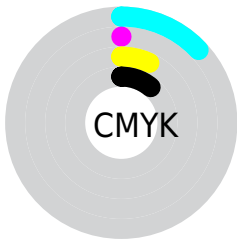
Distribution



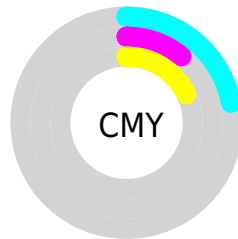
- Red (78%)
- Green (89%)
- Blue (82%)



- Red (78%)
- Yellow (86%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3910, -3.1508, -16.1289 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 216.3910, -3.1508, -16.1289 by changing the saturation by 10% instead.

■ 216.3910, -3.1508,
-16.1289

■ 216.3910, -3.1508,
-16.1289

255.0000, 0.0000,
0.0000

■ 188.6900, -3.2982,
-15.5141

■ 161.8040, -2.8614,
-15.6141

■ 135.2170, -2.5720,
-15.0993

■ 109.5160, -2.7194,
-14.4845

■ 85.5160, -2.7194,
-14.4845

■ 62.2280, -2.5774,
-13.3550

■ 39.7550, -1.8512,

-12.9401

■ 18.4450, -1.6984,
-15.2993

■ 0.0000, 0.0000,
0.0000

■ 216.3910, -3.1508,
-16.1289

■ 216.3910, -3.1508,
-16.1289

■ 208.0320, -5.4388,
-28.9691

■ 224.7500, -0.8627,
-3.2887

■ 199.8580, -8.3110,
-41.0945

■ 232.9240, 2.0095,
8.8367

■ 191.4990,
-10.5990, -53.9346

■ 237.9940, 5.9190,
14.9143

■ 183.1400,
-12.8870, -66.7748

■ 238.5640, 8.1029,
14.4144

■ 174.9660,
-15.7592, -78.9002

■ 166.6070,
-18.0473, -91.7403

■ 158.2480,
-20.3353, -104.5805

■ 149.8890,
-22.6233, -117.4207

■ 143.9650,
-24.6327, -126.2573

Harmonies

Analogous

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



217.5620, -9.1511, -4.8779



216.3910, -3.1508, -16.1289



215.7690, 3.5649, -23.4764

Triad

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



216.3910, -3.1508, -16.1289



220.2730, 12.6834, -8.1324



222.1400, -8.9430, 21.8022

Complementary

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



216.3910, -3.1508, -16.1289



208.6090, 3.1508, 16.1289

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.



222.7470, -2.8333, 22.1469



216.3910, -3.1508, -16.1289



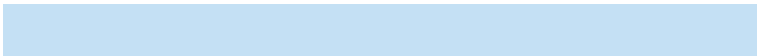
222.1390, 9.2985, 4.2631

Square

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



216.3910, -3.1508, -16.1289



217.9080, 12.8634, -19.2133



222.7230, 3.5876, 16.0289



220.8960, -12.2737, 16.7542

Rectangle

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



216.3910, -3.1508, -16.1289



215.6100, 8.0803, -25.0910



222.7230, 3.5876, 16.0289



222.3080, -7.0538, 22.5319

Sweetspot

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



216.3910, -3.1508, -16.1289



251.3260, -1.1467, -5.5479



220.1060, -10.8983, -4.4780



125.4510, -0.7153, -3.9035



0.0000, 0.0000, 0.0000



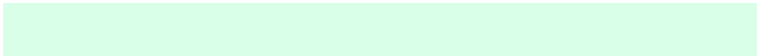
128.0000, 0.0000, 0.0000

Same Dimension

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



216.3910, -3.1508, -16.1289



241.1300, -4.0081, -21.1620



217.9870, 2.9644, -17.5286



110.6140, -1.2887, -6.6775



113.5090, -19.4779, -99.5474



32.3310, -5.5862, -28.3543

Inverse Universe

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



208.6090, 3.1508, 16.1289



230.8700, 4.0081, 21.1620



207.0130, -2.9644, 17.5286



107.3860, 1.2887, 6.6775



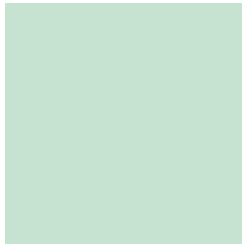
65.4910, 19.4779, 99.5474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 216.3910, -3.1508, -16.1289 looks on a white background.

Color Contrast Check

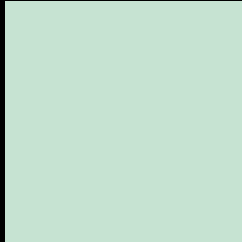
Large Text (above 18pt) WCAG AA × Fail

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 216.3910, -3.1508, -16.1289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

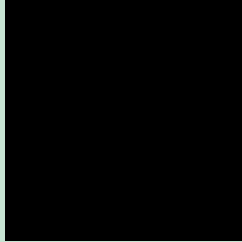
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

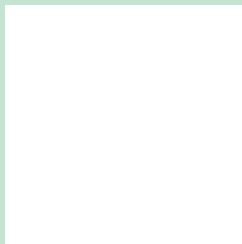
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.3910, -3.1508, -16.1289

Background



This preview shows how black text looks on a background with the YUV color 216.3910, -3.1508, -16.1289.



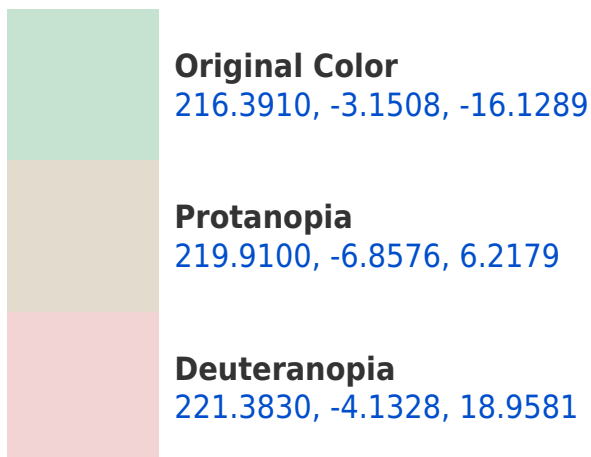
This preview shows how white text looks on a background with the YUV color 216.3910, -3.1508,

-16.1289.

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

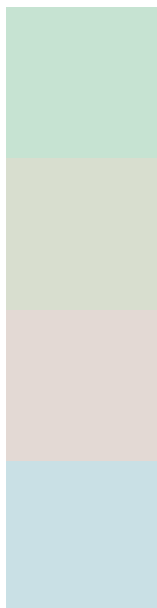




Tritanopia

218.9580, 10.3737, -13.9952

Trichromacy



Original Color

216.3910, -3.1508, -16.1289

Protanomaly

218.4960, -5.6675, -2.1890

Deuteranomaly

219.4200, -3.6581, 6.6477

Tritanomaly

217.6930, 5.5744, -14.6398

Monochromacy



Original Color

216.3910, -3.1508, -16.1289

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0270, -0.9993, -6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3910, -3.1508, -16.1289 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(198, 227, 210)` looks like.

```
.text, #text, p{  
    color:rgb(198, 227, 210)  
}
```

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(198, 227, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 227, 210) }
```

Border

The CSS property to change the border of an element to YUV 216.3910, -3.1508, -16.1289 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(198, 227, 210) }
```


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

```
.border{ border-color:rgb(198, 227, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 227, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(198, 227,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 216.3910, -3.1508, -16.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 227, 210) }
```

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

```
.background{ background-color: rgb(198,  
227, 210) }
```

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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