

Converting Colors

YUV(216.8770, -6.8414, 0.9849)

Have a look what the booklet for
YUV(216.8770, -6.8414, 0.9849)
contains.

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Color

**YUV(216.8770, -6.8414,
0.9849)**

Conversions

Conversions Part 1

Format	Color
Hex	DADBCB
RGB	218, 219, 203
RGB Percent	85%, 86%, 80%
CMY	0.1451, 0.1412, 0.2039
CMYK	0.00, 0.00, 0.07, 0.14
HSL	64°, 18%, 83%
HSV	64°, 7%, 86%
XYZ	65.0245, 69.8803, 66.5610
YIQ	216.8770, 4.5400, -5.1880

Conversions

Conversions Part 2

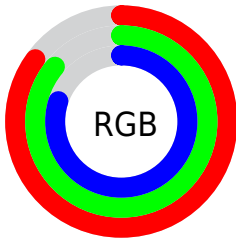
Format	Color
RYB	203, 219, 204
Decimal	14343115
CIELab	86.94, -3.13, 7.74
CIElCh	87, 8.348, 112.003
Yxy	69.8803, 0.3228, 0.3469
Android (android.graphics.Color)	4292533195 (0xFFDADBCB)
YUV	216.8770, -6.8414, 0.9849
Hunter-Lab	83.5944, -7.4428, 11.3072

Details

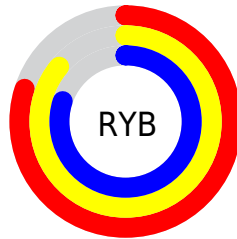
The YUV color $216.8770, -6.8414, 0.9849$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $205.1230, 6.8414, -0.9849$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.9910, -6.4046, 0.8849$ is the 20% darker color. If you saturate the color by 10%, you get $214.0700, -16.3035, 2.5696$, and if you desaturate by 10%, it is $219.6840, 2.6208, -0.5999$.

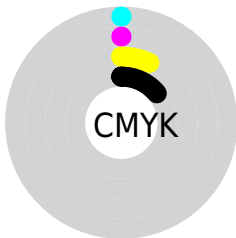
Distribution



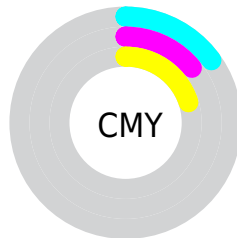
- Red (85%)
- Green (86%)
- Blue (80%)



- Red (80%)
- Yellow (86%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.8770, -6.8414, 0.9849 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 216.8770, -6.8414, 0.9849 by changing the saturation by 10% instead.

■ 216.8770, -6.8414,
0.9849

■ 216.8770, -6.8414,
0.9849

255.0000, 0.0000,
0.0000

■ 188.9910, -6.4046,
0.8849

■ 161.9910, -6.4046,
0.8849

■ 135.9910, -6.4046,
0.8849

■ 110.1050, -5.9678,
0.7849

■ 86.1050, -5.9678,
0.7849

■ 63.2190, -5.5310,
0.6849

■ 41.3330, -5.0942,

0.5850

■ 20.1760, -6.9888,
1.5996

■ 0.0000, 0.0000,
0.0000

■ 216.8770, -6.8414,
0.9849

■ 216.8770, -6.8414,
0.9849

■ 214.0700,
-16.3035, 2.5696

■ 219.6840, 2.6208,
-0.5999

■ 210.9640,
-25.6183, 3.5396

■ 222.7900, 11.9355,
-1.5698

■ 208.1570,
-35.0804, 5.1243

■ 224.0010, 15.2825,
-1.7549

■ 205.3500,
-44.5426, 6.7090

■ 224.3000, 15.1351,
-1.1401

■ 202.3580,
-53.4205, 7.5790

■ 224.8980, 14.8403,
0.0895

■ 199.5510,
-62.8826, 9.1638

■ 225.1970, 14.6929,
0.7042

■ 196.4450,
-72.1974, 10.1337

■ 225.7950, 14.3981,
1.9338

■ 193.6380,
-81.6595, 11.7185

■ 226.0940, 14.2507,
2.5486

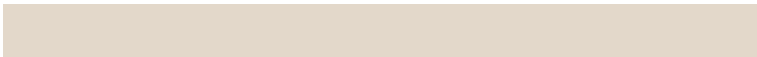
■ 190.8310,
-91.1217, 13.3032

■ 226.3930, 14.1033,
3.1633

Harmonies

Analogous

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



217.6930, -7.7366, 8.1622



216.8770, -6.8414, 0.9849



215.9300, -3.9095, -6.0776

Triad

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



216.8770, -6.8414, 0.9849



216.0460, 6.8793, -13.1953



219.7780, 0.1094, 11.5957

Complementary

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



216.8770, -6.8414, 0.9849



205.1230, 6.8414, -0.9849

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.



219.1840, 4.3463, 5.9776



216.8770, -6.8414, 0.9849



217.0080, 7.8841, -8.7770

Square

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



216.8770, -6.8414, 0.9849



214.9380, 3.9746, -14.8546



218.1230, 6.8414, -0.9849



219.4640, -3.6798, 13.6251

Rectangle

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



216.8770, -6.8414, 0.9849



215.5920, -1.2779, -10.1662



218.1230, 6.8414, -0.9849



219.5220, 1.7147, 10.0662

Sweetspot

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



216.8770, -6.8414, 0.9849



254.4300, -2.1840, 0.4999



208.3710, -2.6479, 9.3216



127.3590, -1.1630, -0.3148



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.



216.8770, -6.8414, 0.9849



252.0790, -9.8989, 1.6847



214.4850, -5.6621, -3.9333



108.4470, -4.6574, 0.4850



150.2880, -74.0920, 11.1484



39.8590, -19.6505, 2.7547

Inverse Universe

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



205.1230, 6.8414, -0.9849



234.9210, 9.8989, -1.6847



207.5150, 5.6621, 3.9333



100.2540, 4.8048, -1.0998



23.0110, 73.9446, -10.5336



6.1410, 19.6505, -2.7547

Previews

White Background



This preview shows how the YUV color 216.8770, -6.8414, 0.9849 looks on a white background.

Color Contrast Check

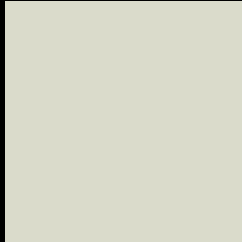
Large Text (above 18pt) WCAG AA × Fail

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 216.8770, -6.8414, 0.9849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

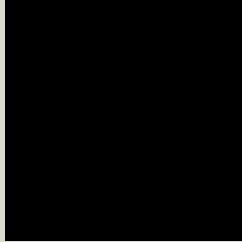
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

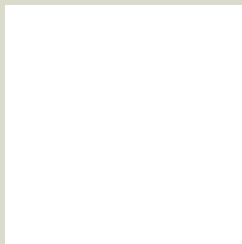
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.8770, -6.8414, 0.9849

Background



This preview shows how black text looks on a background with the YUV color 216.8770, -6.8414, 0.9849.



This preview shows how white text looks on a background with the YUV color 216.8770, -6.8414,

0.9849.

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

216.8770, -6.8414, 0.9849

Protanopia

217.6820, -7.7312, 6.4179

Deuteranopia

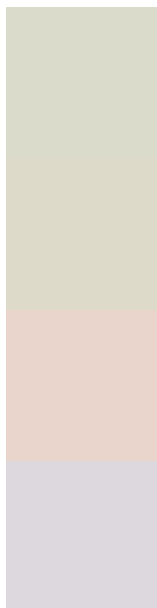
219.2970, -7.0484, 20.7875



Tritanopia

219.0310, 6.3937, 2.6038

Trichromacy



Original Color

216.8770, -6.8414, 0.9849

Protanomaly

217.3720, -7.5784, 4.0588

Deuteranomaly

218.2530, -7.0267, 13.8101

Tritanomaly

218.0650, 1.4470, 2.5740

Monochromacy



Original Color

216.8770, -6.8414, 0.9849

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.8770, -6.8414, 0.9849 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(218, 219, 203)` looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 203)  
}
```

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(218, 219, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 203) }
```

Border

The CSS property to change the border of an element to YUV 216.8770, -6.8414, 0.9849 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(218, 219, 203) }
```


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

```
.border{ border-color:rgb(218, 219, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 219, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 219, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 219, 203);  
box-shadow:4px 4px 4px 4px rgb(218, 219,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 216.8770, -6.8414, 0.9849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 203) }
```

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

```
.background{ background-color: rgb(218,  
219, 203) }
```

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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