

Converting Colors

YUV(196.4770, -16.9972,
-8.3113)

Have a look what the booklet for
YUV(196.4770, -16.9972, -8.3113)
contains.

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Color

**YUV(196.4770, -16.9972,
-8.3113)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD0A2
RGB	187, 208, 162
RGB Percent	73%, 82%, 64%
CMY	0.2667, 0.1843, 0.3647
CMYK	0.10, 0.00, 0.22, 0.18
HSL	87°, 33%, 73%
HSV	87°, 22%, 82%
XYZ	49.5710, 58.2852, 42.8199
YIQ	196.4770, 2.2500, -18.7580

Conversions

Conversions Part 2

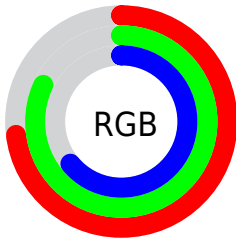
Format	Color
RYB	162, 208, 183
Decimal	12308642
CIELab	80.90, -15.19, 20.53
CIELCh	81, 25.542, 126.492
Yxy	58.2852, 0.3290, 0.3868
Android (android.graphics.Color)	4290498722 (0xFFBBD0A2)
YUV	196.4770, -16.9972, -8.3113
Hunter-Lab	76.3447, -17.7024, 20.1870

Details

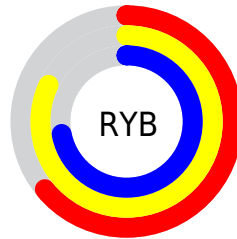
The YUV color **196.4770, -16.9972, -8.3113** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **173.5230, 16.9972, 8.3113**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.0800, -14.8294, -3.5782**, and **142.7050, -16.1236, -8.5113** is the 20% darker color. If you saturate the color by 10%, you get **191.3920, -24.8433, -11.7448**, and if you desaturate by 10%, it is **201.5620, -9.1511, -4.8779**.

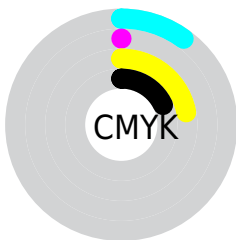
Distribution



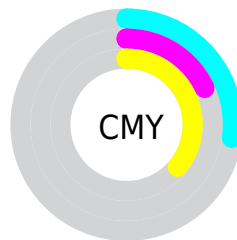
- Red (73%)
- Green (82%)
- Blue (64%)



- Red (64%)
- Yellow (82%)
- Blue (72%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (27%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.4770, -16.9972, -8.3113 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 196.4770, -16.9972, -8.3113 by changing the saturation by 10% instead.

■ 196.4770,
-16.9972, -8.3113

■ 196.4770,
-16.9972, -8.3113

255.0000, 0.0000,
0.0000

■ 169.0040,
-16.2710, -7.8965

■ 247.0800,
-14.8294, -3.5782

■ 142.7050,
-16.1236, -8.5113

■ 253.9740, -3.9312,
0.8998

■ 117.2320,
-15.3974, -8.0965

■ 92.3460, -14.9606,
-8.1964

■ 68.2860, -13.9450,
-7.2668

■ 45.9870, -13.7976,
-7.8816

■ 25.3400, -12.4926,

-6.4372

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 196.4770,
-16.9972, -8.3113

■ 196.4770,
-16.9972, -8.3113

■ 191.3920,
-24.8433, -11.7448

■ 201.5620, -9.1511,
-4.8779

■ 186.0080,
-32.5419, -15.7930

■ 206.9460, -1.4524,
-0.8296

■ 181.0370,
-39.9512, -19.3264

■ 211.9170, 5.9569,
2.7038

■ 175.6530,
-47.6499, -23.3747

■ 217.3010, 13.6556,
6.7520

■ 170.5680,
-55.4960, -26.8081

■ 221.1320, 16.6969,
11.2852

■ 165.1840,
-63.1947, -30.8564

■ 224.1220, 15.2229,
17.4330

■ 160.0990,
-71.0408, -34.2898

■ 226.8130, 13.8962,
22.9660

■ 155.8830,
-76.8503, -37.6084

■ 227.4110, 13.6014,
24.1956

Harmonies

Analogous

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



199.4150, -22.8826, 12.7910



196.4770, -16.9972, -8.3113



193.5050, -6.1650, -29.3839

Triad

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



196.4770, -16.9972, -8.3113



194.4630, 24.4217, -39.8711



204.8030, -4.3399, 38.7608

Complementary

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



196.4770, -16.9972, -8.3113



173.5230, 16.9972, 8.3113

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.



204.8260, 7.4808, 27.3396



196.4770, -16.9972, -8.3113



199.7800, 23.7725, -18.2241

Square

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



196.4770, -16.9972, -8.3113



190.7900, 18.3445, -50.6818



203.6260, 17.4394, 6.4670



203.1700, -14.3808, 39.3159

Rectangle

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



196.4770, -16.9972, -8.3113



191.4310, 2.7455, -40.7200



203.6260, 17.4394, 6.4670



204.9320, 0.0335, 36.0166

Sweetspot

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



196.4770, -16.9972, -8.3113



250.5560, -6.6831, -3.1186



188.0810, -12.8579, 17.4690



125.2510, -4.0677, -1.9741



0.0000, 0.0000, 0.0000



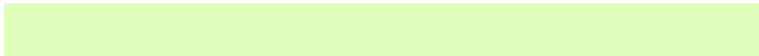
128.0000, 0.0000, 0.0000

Same Dimension

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



196.4770, -16.9972, -8.3113



237.8650, -25.5694, -12.1596



189.6000, -13.6068, -22.4512



102.2510, -4.0677, -1.9741



125.8250, -62.0317, -30.5415



30.6450, -15.1080, -7.5817

Inverse Universe

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



173.5230, 16.9972, 8.3113



203.4340, 25.4220, 12.7744



180.4000, 13.6068, 22.4512



96.7490, 4.0677, 1.9741



42.1750, 62.0317, 30.5415



10.3550, 15.1080, 7.5817

Previews

White Background



This preview shows how the YUV color 196.4770, -16.9972, -8.3113 looks on a white background.

Color Contrast Check

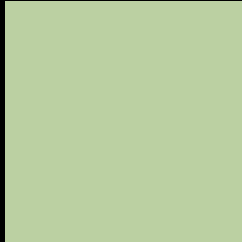
Large Text (above 18pt) WCAG AA × Fail

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 196.4770, -16.9972, -8.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

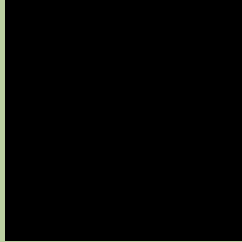
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.4770, -16.9972, -8.3113

Background



This preview shows how black text looks on a background with the YUV color 196.4770, -16.9972, -8.3113.



This preview shows how white text looks on a background with the YUV color 196.4770, -16.9972, -8.3113.

-8.3113.

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

196.4770, -16.9972, -8.3113

Protanopia

199.0990, -20.2618, 12.1912

Deuteranopia

201.4690, -17.9792, 26.7757



Tritanopia

201.0300, 7.8732, -5.2883

Trichromacy



Original Color

196.4770, -16.9972, -8.3113

Protanomaly

198.2830, -19.3665, 5.0138

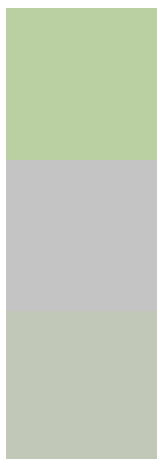
Deuteranomaly

199.5060, -17.5045, 14.4652

Tritanomaly

199.6140, -1.2887, -6.6775

Monochromacy



Original Color

196.4770, -16.9972, -8.3113

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.0830, -5.9569, -2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.4770, -16.9972, -8.3113 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(187, 208, 162)` looks like.

```
.text, #text, p{  
    color:rgb(187, 208, 162)  
}
```

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(187, 208, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 208, 162) }
```

Border

The CSS property to change the border of an element to YUV 196.4770, -16.9972, -8.3113 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(187, 208, 162) }
```


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

```
.border{ border-color:rgb(187, 208, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 208, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 208, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 208, 162); box-shadow:4px 4px 4px 4px rgb(187, 208, 162) }
```

Background

The CSS property to change the background color of an element to YUV 196.4770, -16.9972, -8.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 208, 162) }
```

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

```
.background{ background-color: rgb(187,  
208, 162) }
```

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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