

Converting Colors

YUV(187.6990, -10.2046,
6.4030)

Have a look what the booklet for
YUV(187.6990, -10.2046, 6.4030)
contains.

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Color

**YUV(187.6990, -10.2046,
6.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BCA7
RGB	195, 188, 167
RGB Percent	76%, 74%, 65%
CMY	0.2353, 0.2627, 0.3451
CMYK	0.00, 0.04, 0.14, 0.24
HSL	45°, 19%, 71%
HSV	45°, 14%, 76%
XYZ	47.4639, 50.3586, 43.7778
YIQ	187.6990, 10.9130, -5.0470

Conversions

Conversions Part 2

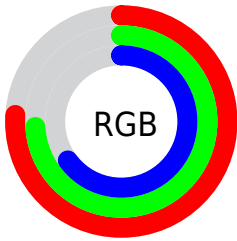
Format	Color
RYB	176, 195, 167
Decimal	12827815
CIELab	76.29, -1.11, 11.50
CIELCh	76, 11.558, 95.522
Yxy	50.3586, 0.3352, 0.3556
Android (android.graphics.Color)	4291017895 (0xFFC3BCA7)
YUV	187.6990, -10.2046, 6.4030
Hunter-Lab	70.9638, -4.7973, 13.0984

Details

The YUV color $187.6990, -10.2046, 6.4030$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $174.3010, 10.2046, -6.4030$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8840, -10.7888, 7.1177$, and $134.5140, -9.6204, 5.6882$ is the 20% darker color. If you saturate the color by 10%, you get $182.5980, -17.0568, 10.8766$, and if you desaturate by 10%, it is $192.9140, -2.9156, 1.8294$.

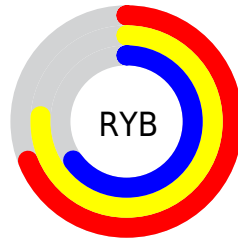
Distribution



Red (76%)

Green (74%)

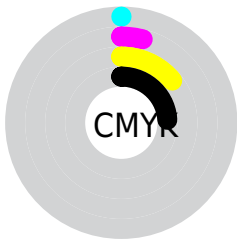
Blue (65%)



Red (69%)

Yellow (76%)

Blue (65%)

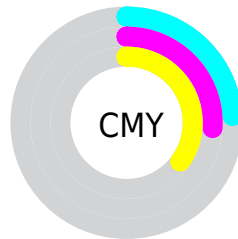


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (24%)



Cyan (24%)

Magenta (26%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6990, -10.2046, 6.4030 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 187.6990, -10.2046, 6.4030 by changing the saturation by 10% instead.

■ 187.6990,
-10.2046, 6.4030

■ 187.6990,
-10.2046, 6.4030

255.0000, 0.0000,
0.0000

■ 160.8130, -9.7678,
6.3030

■ 243.8840,
-10.7888, 7.1177

■ 134.5140, -9.6204,
5.6882

■ 254.5440, -1.7472,
0.3999

■ 109.5140, -9.6204,
5.6882

■ 84.7420, -8.7468,
5.4883

■ 61.5570, -8.1626,
4.7735

■ 39.6710, -7.7258,
4.6735

■ 19.2150, -9.4730,

5.0734

■ 0.0000, 0.0000,
0.0000

■ 187.6990,
-10.2046, 6.4030

■ 187.6990,
-10.2046, 6.4030

■ 182.5980,
-17.0568, 10.8766

■ 192.9140, -2.9156,
1.8294

■ 177.3830,
-24.3458, 15.4501

■ 198.0150, 3.9366,
-2.6442

■ 172.2820,
-31.1980, 19.9237

■ 203.2300, 11.2256,
-7.2177

■ 167.6540,
-38.7764, 23.9824

■ 207.7440, 18.3672,
-11.1765

■ 162.5530,
-45.6286, 28.4560

■ 211.8190, 21.2882,
-14.7503

■ 157.3380,
-52.9176, 33.0296

■ 214.7540, 19.8413,
-17.3243

■ 152.2370,
-59.7698, 37.5032

■ 217.6890, 18.3943,
-19.8983

■ 147.0220,
-67.0588, 42.0767

■ 220.6240, 16.9474,
-22.4722

■ 144.0070,
-70.9955, 44.7209

■ 223.5590, 15.5004,
-25.0462

Harmonies

Analogous

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



189.1560, -9.9369, 13.8952



187.6990, -10.2046, 6.4030



186.3280, -7.5567, -2.9187

Triad

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



187.6990, -10.2046, 6.4030



185.1160, 7.3378, -20.2727



190.2880, 3.3090, 12.0254

Complementary

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



187.6990, -10.2046, 6.4030



174.3010, 10.2046, -6.4030

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.



189.7860, 7.9935, 2.8187



187.6990, -10.2046, 6.4030



186.5340, 10.0897, -16.2543

Square

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



187.6990, -10.2046, 6.4030



184.8620, 2.5330, -19.1730



187.7030, 10.4994, -7.6325



190.2410, -2.0908, 17.3286

Rectangle

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



187.6990, -10.2046, 6.4030



185.6800, -4.7722, -9.3664



187.7030, 10.4994, -7.6325



190.3200, 4.7722, 9.3664

Sweetspot

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



187.6990, -10.2046, 6.4030



249.6860, -3.7892, 2.0294



176.1700, -1.0698, 16.5139



126.0280, -2.4788, 1.7294



0.0000, 0.0000, 0.0000



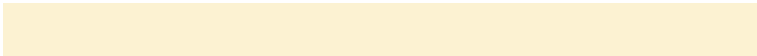
128.0000, 0.0000, 0.0000

Same Dimension

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



187.6990, -10.2046, 6.4030



241.3420, -15.4516, 9.3471



189.7150, -11.1985, -1.5041



94.0990, -3.4998, 2.5442



118.5790, -58.4594, 37.2032



24.5420, -12.0992, 7.4177

Inverse Universe

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



174.3010, 10.2046, -6.4030



220.6580, 15.4516, -9.3471



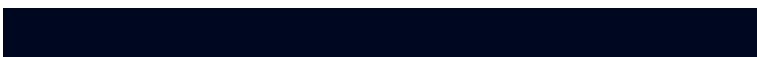
172.2850, 11.1985, 1.5041



89.9010, 3.4998, -2.5442



41.8340, 58.7488, -36.6884



8.4580, 12.0992, -7.4177

Previews

White Background



This preview shows how the YUV color 187.6990, -10.2046, 6.4030 looks on a white background.

Color Contrast Check

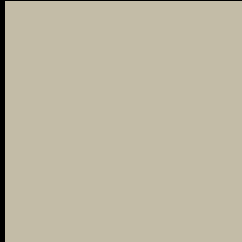
Large Text (above 18pt) WCAG AA × Fail

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 187.6990, -10.2046, 6.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

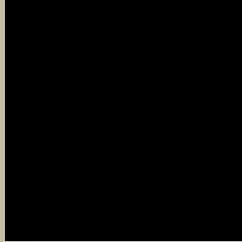
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.6990, -10.2046, 6.4030

Background



This preview shows how black text looks on a background with the YUV color 187.6990, -10.2046, 6.4030.



This preview shows how white text looks on a background with the YUV color 187.6990, -10.2046, 6.4030.

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

187.6990, -10.2046, 6.4030

Protanopia

187.9980, -10.3520, 7.0178

Deuteranopia

189.3850, -10.5428, 21.5874



Tritanopia

190.0810, 3.9041, 7.8220

Trichromacy



Original Color

187.6990, -10.2046, 6.4030

Protanomaly

187.9980, -10.3520, 7.0178

Deuteranomaly

189.0530, -10.3791, 15.7395

Tritanomaly

189.1150, -1.0427, 7.7921

Monochromacy



Original Color

187.6990, -10.2046, 6.4030

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9850, -3.9366, 2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6990, -10.2046, 6.4030 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(195, 188, 167)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 167)  
}
```

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(195, 188, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 167) }
```

Border

The CSS property to change the border of an element to YUV 187.6990, -10.2046, 6.4030 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(195, 188, 167) }
```


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

```
.border{ border-color:rgb(195, 188, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 167);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 187.6990, -10.2046, 6.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 167) }
```

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

```
.background{ background-color: rgb(195,  
188, 167) }
```

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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