

Converting Colors

YUV(181.8020, -6.3114,
17.7136)

Have a look what the booklet for
YUV(181.8020, -6.3114, 17.7136)
contains.

YUV(181.8020, -6.3114, 17.7136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(181.8020, -6.3114,
17.7136)**

Conversions

Conversions Part 1

Format	Color
Hex	CAAEA9
RGB	202, 174, 169
RGB Percent	79%, 68%, 66%
CMY	0.2078, 0.3176, 0.3373
CMYK	0.00, 0.14, 0.16, 0.21
HSL	9°, 24%, 73%
HSV	9°, 16%, 79%
XYZ	46.6546, 45.6932, 43.8968
YIQ	181.8020, 18.2930, 4.3810

Conversions

Conversions Part 2

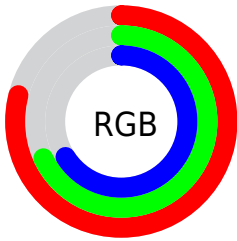
Format	Color
R_{YB}	202, 175, 169
Decimal	13282985
CIE Lab	73.35, 9.30, 6.30
CIE LCh	73, 11.235, 34.089
Yxy	45.6932, 0.3424, 0.3354
Android (android.graphics.Color)	4291473065 (0xFFCAA9)
YUV	181.8020, -6.3114, 17.7136
Hunter-Lab	67.5968, 4.9045, 8.8153

Details

The YUV color $181.8020, -6.3114, 17.7136$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $189.1980, 6.3114, -17.7136$, and the grayscale version is $182.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.2040, -6.0166, 16.4841$, and $129.2040, -6.0166, 16.4841$ is the 20% darker color. If you saturate the color by 10%, you get $169.5430, -10.1277, 28.4648$, and if you desaturate by 10%, it is $194.0610, -2.4951, 6.9625$.

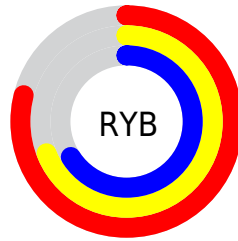
Distribution



Red (79%)

Green (68%)

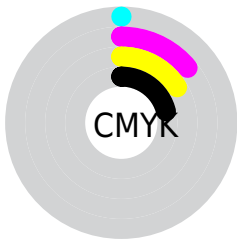
Blue (66%)



Red (79%)

Yellow (69%)

Blue (66%)

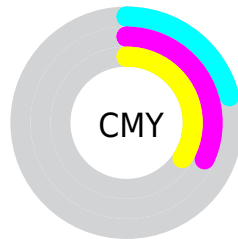


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (21%)



Cyan (21%)


Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.8020, -6.3114, 17.7136 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 181.8020, -6.3114, 17.7136 by changing the saturation by 10% instead.

 181.8020, -6.3114,
17.7136

 181.8020, -6.3114,
17.7136

255.0000, 0.0000,
0.0000


 154.6170, -5.7272,
16.9989


 236.2040, -6.0166,
16.4841


 129.2040, -6.0166,
16.4841

254.7720, -0.8736,
0.2000

 103.9050, -5.8692,
15.8693

 79.4210, -5.1376,
14.5398

 56.2360, -4.5533,
13.8250

 34.6380, -4.2585,
12.5955

 11.3180, -5.5798,

16.3841

■ 0.0000, 0.0000,
0.0000

■ 181.8020, -6.3114,
17.7136

■ 181.8020, -6.3114,
17.7136

■ 169.5430,
-10.1277, 28.4648

■ 194.0610, -2.4951,
6.9625

■ 157.2840,
-13.9440, 39.2159

■ 206.3200, 1.3212,
-3.7886

■ 144.9110,
-18.1971, 50.0671

■ 218.6930, 5.5744,
-14.6398

■ 132.0650,
-21.7240, 61.3330

■ 231.5390, 9.1013,
-25.9057

■ 119.8060,
-25.5404, 72.0841

■ 239.1530, 7.8126,
-32.5832

■ 107.5470,
-29.3567, 82.8353

■ 95.2880, -33.1730,
93.5864

■ 82.9150, -37.4261,
104.4375

■ 78.5950, -38.7473,
108.2262

Harmonies

Analogous

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



182.0560, -1.5066, 16.6139



181.8020, -6.3114, 17.7136



180.6830, -9.2107, 14.3100

Triad

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



181.8020, -6.3114, 17.7136



177.1250, -3.0196, -11.5106



179.5890, 10.0626, -7.5326

Complementary

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



181.8020, -6.3114, 17.7136



189.1980, 6.3114, -17.7136

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.



178.4200, 9.6529, -16.1543



181.8020, -6.3114, 17.7136



176.4600, 2.2382, -17.9434

Square

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



181.8020, -6.3114, 17.7136



178.3280, -7.5567, -2.9187



177.3010, 6.7536, -19.5580



181.3730, 7.7041, 2.3039

Rectangle

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



181.8020, -6.3114, 17.7136



180.4220, -10.0680, 9.2769



177.3010, 6.7536, -19.5580



179.5670, 10.0735, -11.0213

Sweetspot

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



181.8020, -6.3114, 17.7136



247.0610, -2.4951, 6.9625



182.0590, 7.3659, 17.4883



122.9790, -1.4686, 4.4034



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.



181.8020, -6.3114, 17.7136



223.9450, -9.8329, 27.2352



191.1940, -10.9416, 9.4769



95.5770, -1.7635, 5.6330



64.3090, -31.7043, 89.1830



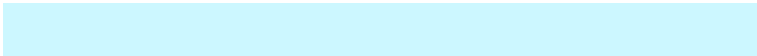
14.8840, -7.3378, 20.2727

Inverse Universe

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



189.1980, 6.3114, -17.7136



235.0550, 9.8329, -27.2352



179.8060, 10.9416, -9.4769



97.8360, 2.0529, -5.1182



101.6910, 31.7043, -89.1830



23.1160, 7.3378, -20.2727

Previews

White Background



This preview shows how the YUV color 181.8020, -6.3114, 17.7136 looks on a white background.

Color Contrast Check

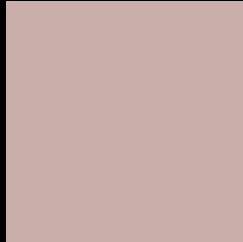
Large Text (above 18pt) WCAG AA × Fail

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 181.8020, -6.3114, 17.7136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

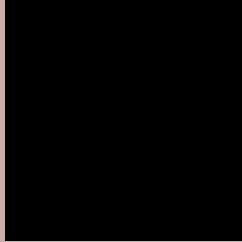
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.8020, -6.3114, 17.7136

Background



This preview shows how black text looks on a background with the YUV color 181.8020, -6.3114, 17.7136.



This preview shows how white text looks on a background with the YUV color 181.8020, -6.3114,

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

181.8020, -6.3114, 17.7136

Protanopia

180.5830, -4.2314, 3.8737

Deuteranopia

181.8020, -6.3114, 17.7136



Tritanopia

183.0500, 0.9614, 18.3732

Trichromacy



Original Color

181.8020, -6.3114, 17.7136

Protanomaly

181.0890, -4.9739, 8.6919

Deuteranomaly

181.8020, -6.3114, 17.7136

Tritanomaly

182.6540, -1.8014, 17.8434

Monochromacy



Original Color

181.8020, -6.3114, 17.7136

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.8020, -6.3114, 17.7136 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(202, 174, 169)` looks like.

```
.text, #text, p{  
    color:rgb(202, 174, 169)  
}
```

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(202, 174, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 174, 169) }
```

Border

The CSS property to change the border of an element to YUV 181.8020, -6.3114, 17.7136 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(202, 174, 169) }
```


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

```
.border{ border-color:rgb(202, 174, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 174, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 174, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 174, 169);  
box-shadow:4px 4px 4px 4px rgb(202, 174,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 181.8020, -6.3114, 17.7136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 174, 169) }
```

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

```
.background{ background-color: rgb(202,  
174, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor