

# Converting Colors

YUV(194.8380, -21.1191,  
7.1581)

Have a look what the booklet for  
YUV(194.8380, -21.1191, 7.1581)  
contains.

<b>YUV(194.8380, -21.1191, 7.1581)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(194.8380, -21.1191,  
7.1581)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBC798
RGB	203, 199, 152
RGB Percent	80%, 78%, 60%
CMY	0.2039, 0.2196, 0.4039
CMYK	0.00, 0.02, 0.25, 0.20
HSL	55°, 33%, 70%
HSV	55°, 25%, 80%
XYZ	50.7195, 55.8104, 37.8050
YIQ	194.8380, 17.4710, -13.7690

# Conversions

## Conversions Part 2

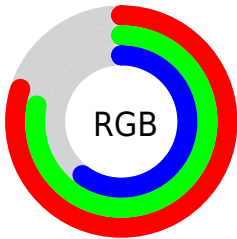
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 203, 152
Decimal	13354904
CIELab	79.51, -6.11, 24.09
CIELCh	80, 24.857, 104.226
Yxy	55.8104, 0.3514, 0.3867
Android (android.graphics.Color)	4291544984 (0xFFCBC798)
YUV	194.8380, -21.1191, 7.1581
Hunter-Lab	74.7063, -9.5491, 22.2908

# Details

The YUV color **194.8380, -21.1191, 7.1581** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **160.1620, 21.1191, -7.1581**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.5280, -20.9663, 4.7989**, and **140.8810, -19.6613, 6.2434** is the 20% darker color. If you saturate the color by 10%, you get **191.3840, -29.2763, 10.1872**, and if you desaturate by 10%, it is **198.2920, -12.9620, 4.1289**.

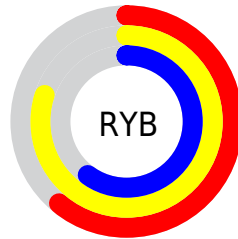
# Distribution



Red (80%)

Green (78%)

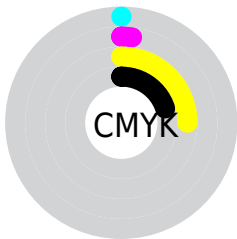
Blue (60%)



Red (61%)

Yellow (80%)

Blue (60%)

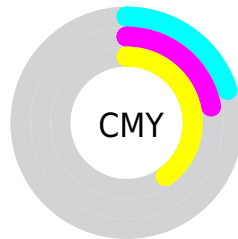


Cyan (0%)

Magenta (2%)

Yellow (25%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 194.8380, -21.1191, 7.1581 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 194.8380, -21.1191, 7.1581 by changing the saturation by 10% instead.



■ 194.8380,  
-21.1191, 7.1581

■ 194.8380,  
-21.1191, 7.1581

■ 255.0000, 0.0000,  
0.0000

■ 167.6530,  
-20.5349, 6.4433

■ 249.5280,  
-20.9663, 4.7989

■ 140.8810,  
-19.6613, 6.2434

■ 252.7200, -8.7360,  
1.9996

■ 115.5820,  
-19.5139, 5.6286

■ 90.8100, -18.6403,  
5.4286

■ 66.7390, -17.6193,  
4.6139

■ 44.3260, -17.9087,  
4.0991

■ 24.5090, -12.0829,

2.1846

■ 0.0000, 0.0000,  
0.0000

■ 194.8380,  
-21.1191, 7.1581

■ 194.8380,  
-21.1191, 7.1581

■ 191.3840,  
-29.2763, 10.1872

■ 198.2920,  
-12.9620, 4.1289

■ 188.4030,  
-38.1597, 12.8016

■ 201.2730, -4.0786,  
1.5146

■ 184.9490,  
-46.3169, 15.8307

■ 204.7270, 4.0786,  
-1.5146

■ 182.0820,  
-54.7634, 18.3451

■ 207.5940, 12.5252,  
-4.0289

■ 178.6280,  
-62.9206, 21.3742

■ 211.1620, 21.1191,  
-7.1581

■ 175.0600,  
-71.5146, 24.5034

■ 212.4500, 20.9772,  
-8.2876

■ 172.1930,  
-79.9611, 27.0177

■ 213.0370, 20.6878,  
-8.8024

■ 170.4660,  
-84.0397, 28.5323

■ 214.2110, 20.1090,  
-9.8320

■ 214.7980, 19.8196,  
-10.3468

# Harmonies

## Analogous

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



197.1330, -21.7576, 25.3164



194.8380, -21.1191, 7.1581



191.8400, -14.2181, -13.0147

# Triad

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



194.8380, -21.1191, 7.1581



188.1540, 19.6441, -47.4931



201.3380, 4.2704, 30.3986

# Complementary

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



194.8380, -21.1191, 7.1581



160.1620, 21.1191, -7.1581

# 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.



199.9750, 14.8023, 12.2999



194.8380, -21.1191, 7.1581



192.6810, 23.8213, -33.9232

# Square

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



194.8380, -21.1191, 7.1581



186.9340, 9.8925, -46.4231



197.3680, 22.0036, -10.8467



200.8200, -6.8133, 38.7459



# Rectangle

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



194.8380, -21.1191, 7.1581



189.7010, -6.7546, -26.9248



197.3680, 22.0036, -10.8467



201.0430, 8.3598, 25.3953

# Sweetspot

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



194.8380, -21.1191, 7.1581



251.5460, -8.1572, 3.0292



167.7050, -5.7706, 30.9537



125.9310, -5.3890, 1.8145



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.



194.8380, -21.1191, 7.1581



242.8140, -31.4603, 10.6871



190.9070, -19.1812, -7.8114



100.2730, -4.0786, 1.5146



139.4450, -68.7464, 23.2887



31.9070, -15.7302, 5.3436



# Inverse Universe

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



160.1620, 21.1191, -7.1581



190.5990, 31.7497, -10.1723



164.0930, 19.1812, 7.8114



93.7270, 4.0786, -1.5146



26.5550, 68.7464, -23.2887

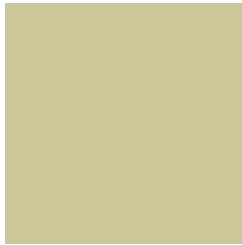


6.0930, 15.7302, -5.3436



# Previews

## White Background



This preview shows how the YUV color 194.8380, -21.1191, 7.1581 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 194.8380, -21.1191, 7.1581 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

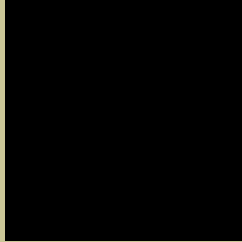
Any Text WCAG AA ✓ Pass

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 194.8380, -21.1191, 7.1581 Background



This preview shows how black text looks on a background with the YUV color 194.8380, -21.1191, 7.1581.



This preview shows how white text looks on a background with the YUV color 194.8380, -21.1191, 7.1581.



# 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

194.8380, -21.1191, 7.1581

### Protanopia

195.6430, -22.0090, 12.5911

### Deuteranopia

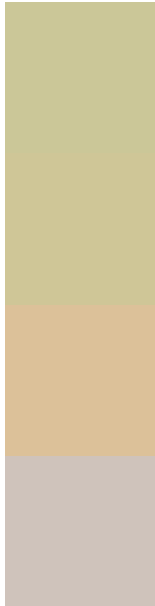
197.2690, -21.3316, 28.7051



## Tritanopia

199.0920, 3.8986, 9.5663

# Trichromacy



## Original Color

194.8380, -21.1191, 7.1581

## Protanomaly

195.3330, -21.8562, 10.2320

## Deuteranomaly

196.5130, -21.4519, 20.5981

## Tritanomaly

197.6760, -5.2633, 8.1771

# Monochromacy



## Original Color

194.8380, -21.1191, 7.1581

## Achromatopsia

195.0000, 0.0000, 0.0000

## Achromatomaly

194.6600, -7.7204, 2.9292

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.8380, -21.1191, 7.1581 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(203, 199, 152)` looks like.

```
.text, #text, p{  
    color:rgb(203, 199, 152)  
}
```

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(203, 199, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 199, 152) }
```

## Border

The CSS property to change the border of an element to YUV 194.8380, -21.1191, 7.1581 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(203, 199, 152) }
```



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

```
.border{ border-color:rgb(203, 199, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 199, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 199, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 199, 152);  
box-shadow:4px 4px 4px 4px rgb(203, 199,  
152) }
```

# Background

The CSS property to change the background color of an element to YUV 194.8380, -21.1191, 7.1581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 199, 152) }
```

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

```
.background{ background-color: rgb(203,  
199, 152) }
```

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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