

Converting Colors

YUV(195.1780, 6.8142, 7.7369)

Have a look what the booklet for
YUV(195.1780, 6.8142, 7.7369)
contains.

YUV(195.1780, 6.8142, 7.7369)	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(195.1780, 6.8142,
7.7369)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBCD1
RGB	204, 188, 209
RGB Percent	80%, 74%, 82%
CMY	0.2000, 0.2627, 0.1804
CMYK	0.02, 0.10, 0.00, 0.18
HSL	286°, 19%, 78%
HSV	286°, 10%, 82%
XYZ	54.3937, 53.4073, 67.7634
YIQ	195.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

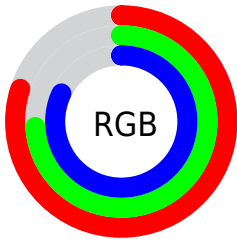
Format	Color
R_{YB}	204, 188, 209
Decimal	13417681
CIE Lab	78.11, 9.45, -8.49
CIE LCh	78, 12.704, 318.075
Yxy	53.4073, 0.3098, 0.3042
Android (android.graphics.Color)	4291607761 (0xFFCCBCD1)
YUV	195.1780, 6.8142, 7.7369
Hunter-Lab	73.0803, 4.9672, -3.8202

Details

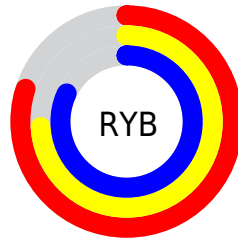
The YUV color `195.1780, 6.8142, 7.7369` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `201.8220, -6.8142, -7.7369`, and the grayscale version is `195.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `248.5430, 3.1833, 5.6628`, and `141.7650, 6.5249, 7.2221` is the 20% darker color. If you saturate the color by 10%, you get `181.3560, 13.6285, 15.4738`, and if you desaturate by 10%, it is `209.0000, 0.0000, 0.0000`.

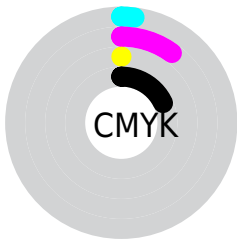
Distribution



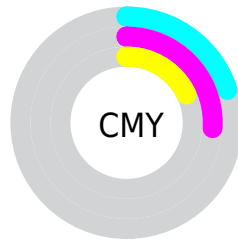
- Red (80%)
- Green (74%)
- Blue (82%)



- Red (80%)
- Yellow (74%)
- Blue (82%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.1780, 6.8142, 7.7369 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 195.1780, 6.8142, 7.7369 by changing the saturation by 10% instead.

■ 195.1780, 6.8142,
7.7369

■ 195.1780, 6.8142,
7.7369

255.0000, 0.0000,
0.0000

■ 168.0640, 6.3774,
7.8369

■ 248.5430, 3.1833,
5.6628

■ 141.7650, 6.5249,
7.2221

■ 115.7650, 6.5249,
7.2221

■ 91.3520, 6.2355,
6.7073

■ 67.8250, 5.5093,
6.2925

■ 45.5260, 5.6567,
5.6777

■ 24.9990, 4.9305,

5.2629

■ 1.4820, 5.6784,
-1.2997

■ 0.0000, 0.0000,
0.0000

■ 195.1780, 6.8142,
7.7369

■ 195.1780, 6.8142,
7.7369

■ 181.3560, 13.6285,
15.4738

■ 209.0000, 0.0000,
0.0000

■ 167.5340, 20.4427,
23.2107

■ 222.8220, -6.8142,
-7.7369

■ 153.7120, 27.2570,
30.9476

■ 236.6440,
-13.6285, -15.4738

■ 139.8900, 34.0712,
38.6845

■ 240.4870,
-15.5231, -14.4591

■ 126.6550, 40.5961,
45.9066

■ 241.9820,
-16.2601, -11.3852

■ 112.8330, 47.4103,
53.6435

■ 243.4770,
-16.9972, -8.3113

■ 99.0110, 54.2246,
61.3804

■ 244.9720,
-17.7342, -5.2374

■ 85.1890, 61.0388,
69.1172

■ 246.4670,
-18.4712, -2.1636

■ 71.3670, 67.8531,
76.8541

■ 247.9620,
-19.2083, 0.9103

Harmonies

Analogous

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



194.0240, 10.3412, -3.5290



195.1780, 6.8142, 7.7369



195.7400, 1.1142, 16.0140

Triad

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



195.1780, 6.8142, 7.7369



193.6890, -11.6787, 12.5507



189.2360, 5.3067, -22.1320

Complementary

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



195.1780, 6.8142, 7.7369



201.8220, -6.8142, -7.7369

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.



189.6620, -0.8194, -17.2436



195.1780, 6.8142, 7.7369



192.2640, -10.4832, 2.3995

Square

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



195.1780, 6.8142, 7.7369



194.4170, -9.0796, 18.9283



190.5230, -6.6668, -8.3517



190.3870, 9.6692, -21.3874

Rectangle

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



195.1780, 6.8142, 7.7369



195.4370, -2.6804, 19.7878



190.5230, -6.6668, -8.3517



189.0790, 3.4121, -21.1173

Sweetspot

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



195.1780, 6.8142, 7.7369



249.7060, 2.6099, 2.8888



193.3290, 7.7258, -4.6735



123.8800, 2.0312, 1.8592



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.



195.1780, 6.8142, 7.7369



234.7100, 10.0030, 11.6553



196.1030, 3.8932, 11.3107



97.6460, 3.6255, 3.8185



57.4240, 54.5140, 61.8952



13.9430, 13.3391, 14.9590

Inverse Universe

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



194.8490, -0.9116, 12.4104



234.1810, -1.0752, 18.2583



200.8970, -3.8932, -11.3107



97.6310, -0.3111, 6.4626



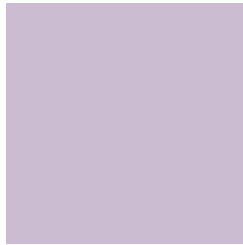
54.7920, -7.2925, 99.2834



13.3990, -1.6757, 24.2061

Previews

White Background



This preview shows how the YUV color 195.1780, 6.8142, 7.7369 looks on a white background.

Color Contrast Check

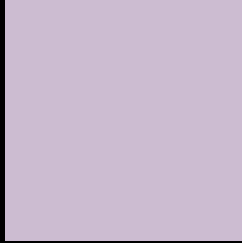
Large Text (above 18pt) WCAG AA × Fail

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 195.1780, 6.8142, 7.7369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

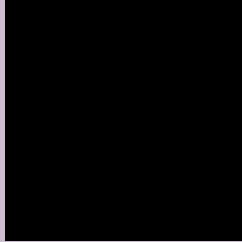
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.1780, 6.8142, 7.7369

Background



This preview shows how black text looks on a background with the YUV color 195.1780, 6.8142, 7.7369.



This preview shows how white text looks on a background with the YUV color 195.1780, 6.8142,

7.7369.

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

195.1780, 6.8142, 7.7369

Protanopia

193.8670, 8.4466, -2.5144

Deuteranopia

195.4770, 6.6668, 8.3517



Tritanopia

194.8960, 4.4883, 7.1072

Trichromacy



Original Color

195.1780, 6.8142, 7.7369

Protanomaly

194.6610, 7.5621, 1.1743

Deuteranomaly

195.4770, 6.6668, 8.3517

Tritanomaly

195.1240, 5.3619, 6.9073

Monochromacy



Original Color

195.1780, 6.8142, 7.7369

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.7060, 2.6099, 2.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.1780, 6.8142, 7.7369 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(204, 188, 209)` looks like.

```
.text, #text, p{  
    color:rgb(204, 188, 209)  
}
```

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(204, 188, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 188, 209) }
```

Border

The CSS property to change the border of an element to YUV 195.1780, 6.8142, 7.7369 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(204, 188, 209) }
```


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

```
.border{ border-color:rgb(204, 188, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 188, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 188, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 188, 209);  
box-shadow:4px 4px 4px 4px rgb(204, 188,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 195.1780, 6.8142, 7.7369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 188, 209) }
```

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

```
.background{ background-color: rgb(204,  
188, 209) }
```

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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