

Converting Colors

YUV(195.2460, -3.0793, 7.6773)

Have a look what the booklet for
YUV(195.2460, -3.0793, 7.6773)
contains.

YUV(195.2460, -3.0793, 7.6773)	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(195.2460, -3.0793,
7.6773)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC0BD
RGB	204, 192, 189
RGB Percent	80%, 75%, 74%
CMY	0.2000, 0.2471, 0.2588
CMYK	0.00, 0.06, 0.07, 0.20
HSL	12°, 13%, 77%
HSV	12°, 7%, 80%
XYZ	52.9368, 54.2108, 55.8178
YIQ	195.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

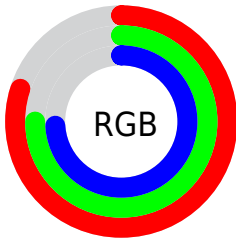
Format	Color
RYB	204, 193, 189
Decimal	13418685
CIELab	78.58, 3.69, 3.01
CIELCh	79, 4.761, 39.219
Yxy	54.2108, 0.3248, 0.3327
Android (android.graphics.Color)	4291608765 (0xFFCCC0BD)
YUV	195.2460, -3.0793, 7.6773
Hunter-Lab	73.6280, -0.5116, 6.5915

Details

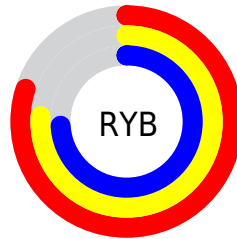
The YUV color $195.2460, -3.0793, 7.6773$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $197.7540, 3.0793, -7.6773$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7510, -2.3422, 4.6034$, and $141.9470, -2.9319, 7.0625$ is the 20% darker color. If you saturate the color by 10%, you get $183.5740, -7.1850, 17.9136$, and if you desaturate by 10%, it is $206.9180, 1.0264, -2.5591$.

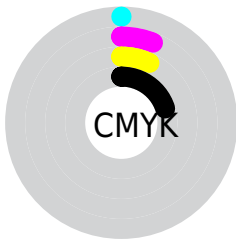
Distribution



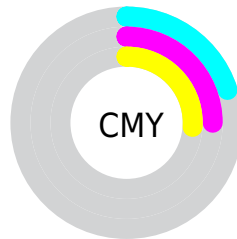
- Red (80%)
- Green (75%)
- Blue (74%)



- Red (80%)
- Yellow (76%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.2460, -3.0793, 7.6773 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 195.2460, -3.0793, 7.6773 by changing the saturation by 10% instead.

■ 195.2460, -3.0793,
7.6773

■ 195.2460, -3.0793,
7.6773

255.0000, 0.0000,
0.0000

■ 168.2460, -3.0793,
7.6773

■ 249.7510, -2.3422,
4.6034

■ 141.9470, -2.9319,
7.0625

■ 115.9470, -2.9319,
7.0625

■ 91.6480, -2.7845,
6.4477

■ 67.7620, -2.3477,
6.3477

■ 45.4630, -2.2003,
5.7329

■ 25.1640, -2.0529,

5.1182

0.0000, 0.0000,
0.0000

195.2460, -3.0793,
7.6773

195.2460, -3.0793,
7.6773

183.5740, -7.1850,
17.9136

206.9180, 1.0264,
-2.5591

171.2010,
-11.4381, 28.7647

219.2910, 5.2795,
-13.4102

159.5290,
-15.5438, 39.0011

230.9630, 9.3852,
-23.6466

147.7430,
-20.0863, 49.3374

239.7510, 7.5178,
-31.3536

135.4840,
-23.9026, 60.0885

■ 123.8120,
-28.0083, 70.3249

■ 112.0260,
-32.5508, 80.6612

■ 99.7670, -36.3671,
91.4123

■ 87.9810, -40.9096,
101.7487

Harmonies

Analogous

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



195.7020, -1.3321, 7.2773



195.2460, -3.0793, 7.6773



194.5940, -4.2368, 5.6181

Triad

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



195.2460, -3.0793, 7.6773



193.3260, -1.1467, -5.5479



194.4280, 4.2260, -2.1294

Complementary

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



195.2460, -3.0793, 7.6773



197.7540, 3.0793, -7.6773

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.



194.1070, 4.3842, -6.2328



195.2460, -3.0793, 7.6773



192.9990, 1.4795, -7.8921

Square

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



195.2460, -3.0793, 7.6773



193.8920, -2.9048, -1.6593



193.4550, 3.2267, -8.2920



195.1080, 2.9048, 1.6593

Rectangle

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



195.2460, -3.0793, 7.6773



194.5830, -4.2314, 3.8737



193.4550, 3.2267, -8.2920



194.4170, 4.2314, -3.8737

Sweetspot

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



195.2460, -3.0793, 7.6773



252.0820, -1.0264, 2.5591



194.8530, 3.0305, 8.0219



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000



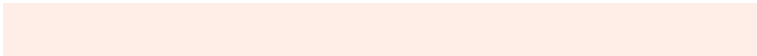
128.0000, 0.0000, 0.0000

Same Dimension

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



195.2460, -3.0793, 7.6773



241.8120, -4.8373, 11.5659



199.3550, -5.1050, 4.0737



96.1640, -2.0529, 5.1182



69.0050, -34.0195, 85.0646



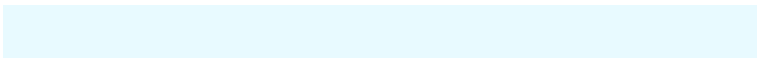
16.0580, -7.9166, 19.2431

Inverse Universe

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



197.7540, 3.0793, -7.6773



245.1880, 4.8373, -11.5659



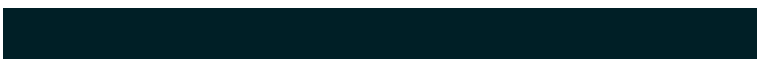
193.6450, 5.1050, -4.0737



97.8360, 2.0529, -5.1182



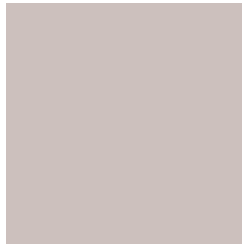
96.9950, 34.0195, -85.0646



22.5290, 7.6272, -19.7579

Previews

White Background



This preview shows how the YUV color 195.2460, -3.0793, 7.6773 looks on a white background.

Color Contrast Check

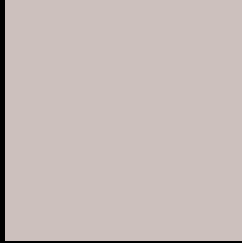
Large Text (above 18pt) WCAG AA × Fail

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 195.2460, -3.0793, 7.6773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

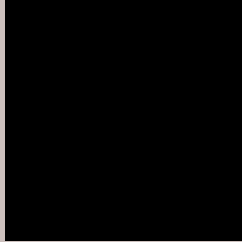
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.2460, -3.0793, 7.6773

Background



This preview shows how black text looks on a background with the YUV color 195.2460, -3.0793, 7.6773.



This preview shows how white text looks on a background with the YUV color 195.2460, -3.0793,

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

195.2460, -3.0793, 7.6773

Protanopia

195.0390, -2.4842, 3.4738

Deuteranopia

196.3010, -3.1064, 16.3990



Tritanopia

196.4940, 4.1935, 8.3368

Trichromacy



Original Color

195.2460, -3.0793, 7.6773

Protanomaly

195.0500, -2.4896, 5.2182

Deuteranomaly

195.6920, -2.8062, 13.4251

Tritanomaly

196.0980, 1.4307, 7.8071

Monochromacy



Original Color

195.2460, -3.0793, 7.6773

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.0820, -1.0264, 2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.2460, -3.0793, 7.6773 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, 192, 189)` looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 189)  
}
```

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, 192, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 189) }
```

Border

The CSS property to change the border of an element to YUV 195.2460, -3.0793, 7.6773 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, 192, 189) }
```


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

```
.border{ border-color:rgb(204, 192, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 192, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 189);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 195.2460, -3.0793, 7.6773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 192, 189) }
```

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

```
.background{ background-color: rgb(204,  
192, 189) }
```

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