

Converting Colors

YUV(191.5750, 4.6465, 3.0037)

Have a look what the booklet for
YUV(191.5750, 4.6465, 3.0037)
contains.

YUV(191.5750, 4.6465, 3.0037)	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(191.5750, 4.6465,
3.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BCC9
RGB	195, 188, 201
RGB Percent	76%, 74%, 79%
CMY	0.2353, 0.2627, 0.2118
CMYK	0.03, 0.06, 0.00, 0.21
HSL	272°, 11%, 76%
HSV	272°, 6%, 79%
XYZ	51.0315, 51.7856, 62.5643
YIQ	191.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

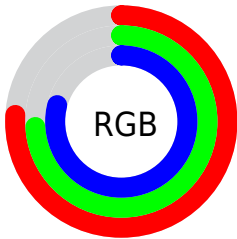
Format	Color
R _Y B	195, 188, 201
Decimal	12827849
CIE Lab	77.15, 4.86, -5.66
CIE LCh	77, 7.467, 310.659
Yxy	51.7856, 0.3086, 0.3131
Android (android.graphics.Color)	4291017929 (0xFFC3BCC9)
YUV	191.5750, 4.6465, 3.0037
Hunter-Lab	71.9622, 0.6482, -1.1735

Details

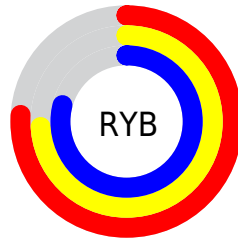
The YUV color `191.5750, 4.6465, 3.0037` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `197.4250, -4.6465, -3.0037`, and the grayscale version is `192.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `247.6460, 3.6255, 3.8185`, and `138.1620, 4.3571, 2.4889` is the 20% darker color. If you saturate the color by 10%, you get `177.1440, 11.7610, 7.7667`, and if you desaturate by 10%, it is `206.0060, -2.4680, -1.7593`.

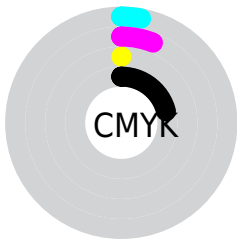
Distribution



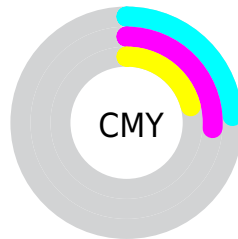
- Red (76%)
- Green (74%)
- Blue (79%)



- Red (76%)
- Yellow (74%)
- Blue (79%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.5750, 4.6465, 3.0037 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 191.5750, 4.6465, 3.0037 by changing the saturation by 10% instead.

■ 191.5750, 4.6465,
3.0037

■ 191.5750, 4.6465,
3.0037

255.0000, 0.0000,
0.0000

■ 164.5750, 4.6465,
3.0037

■ 247.6460, 3.6255,
3.8185

■ 138.1620, 4.3571,
2.4889

■ 113.0480, 3.9203,
2.5889

■ 88.1620, 4.3571,
2.4889

■ 65.0480, 3.9203,
2.5889

■ 42.9340, 3.4835,
2.6889

■ 22.5210, 3.1941,

2.1741

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 191.5750, 4.6465,
3.0037

■ 191.5750, 4.6465,
3.0037

■ 177.1440, 11.7610,
7.7667

■ 206.0060, -2.4680,
-1.7593

■ 162.4140, 19.0229,
11.9149

■ 220.7360, -9.7298,
-5.9075

■ 147.9830, 26.1374,
16.6779

■ 235.1670,
-16.8443, -10.6705

■ 133.5520, 33.2519,
21.4409

■ 241.9670,
-20.1967, -8.7411

■ 119.1210, 40.3663,
26.2039

■ 244.6580,
-21.5234, -3.2081

■ 103.8040, 47.9176,
30.8669

■ 247.6480,
-22.9975, 2.9397

■ 89.3730, 55.0321,
35.6299

■ 248.8440,
-23.5871, 5.3988

■ 74.9420, 62.1466,
40.3929

■ 60.5110, 69.2611,
45.1559

Harmonies

Analogous

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



190.6990, 6.5574, -3.2440



191.5750, 4.6465, 3.0037



191.8100, 1.5727, 8.9366

Triad

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



191.5750, 4.6465, 3.0037



191.3340, -6.5737, 8.4771



188.4930, 2.2220, -12.7104

Complementary

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



191.5750, 4.6465, 3.0037



197.4250, -4.6465, -3.0037

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.



188.6030, -1.2833, -8.4218



191.5750, 4.6465, 3.0037



190.3010, -6.5574, 3.2440

Square

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



191.5750, 4.6465, 3.0037



191.8120, -4.8373, 11.5659



189.4250, -4.6465, -3.0037



188.5900, 5.1321, -12.7954

Rectangle

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



191.5750, 4.6465, 3.0037



192.2510, -0.6167, 11.1809



189.4250, -4.6465, -3.0037



188.4500, 0.7642, -11.7956

Sweetspot

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



191.5750, 4.6465, 3.0037



251.4670, 1.7418, 1.3444



193.0040, 3.9420, -4.3885



125.6410, 1.1630, 0.3148



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.



191.5750, 4.6465, 3.0037



240.5690, 7.1145, 4.7630



193.3690, 3.7621, 6.6924



92.5210, 3.1941, 2.1741



44.8940, 58.2263, 37.8040



9.7850, 12.9240, 8.0816

Inverse Universe

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



192.5710, 0.7045, 7.3922



242.0060, 0.9830, 11.3957



195.6310, -3.7621, -6.6924



93.1470, 0.4205, 5.1331



57.2870, 8.7325, 92.7103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 191.5750, 4.6465, 3.0037 looks on a white background.

Color Contrast Check

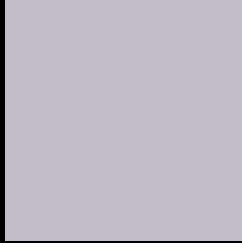
Large Text (above 18pt) WCAG AA × Fail

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 191.5750, 4.6465, 3.0037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

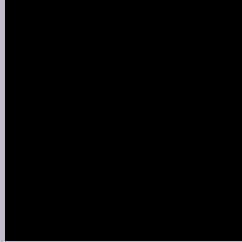
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.5750, 4.6465, 3.0037

Background



This preview shows how black text looks on a background with the YUV color 191.5750, 4.6465, 3.0037.

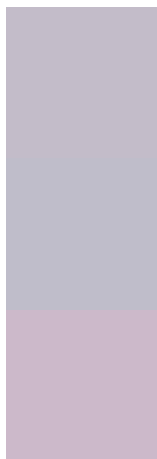


This preview shows how white text looks on a background with the YUV color 191.5750, 4.6465,

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

191.5750, 4.6465, 3.0037

Protanopia

191.0800, 5.3836, -0.0702

Deuteranopia

192.6190, 4.6248, 9.9811



Tritanopia

191.8030, 5.5201, 2.8038

Trichromacy



Original Color

191.5750, 4.6465, 3.0037

Protanomaly

191.3790, 5.2362, 0.5446

Deuteranomaly

192.3090, 4.7777, 7.6220

Tritanomaly

191.6890, 5.0833, 2.9037

Monochromacy



Original Color

191.5750, 4.6465, 3.0037

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.5750, 4.6465, 3.0037 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 201) }
```

Border

The CSS property to change the border of an element to YUV 191.5750, 4.6465, 3.0037 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, 201) }
```


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

```
.border{ border-color:rgb(195, 188, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 191.5750, 4.6465, 3.0037 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, 201) }
```

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

```
.background{ background-color: rgb(195,  
188, 201) }
```

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