

Converting Colors

YUV(188.3920, -4.6303, -8.2368)

Have a look what the booklet for
YUV(188.3920, -4.6303, -8.2368)
contains.

YUV(188.3920, -4.6303, -8.2368)	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(188.3920, -4.6303,
-8.2368)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C3B3
RGB	179, 195, 179
RGB Percent	70%, 76%, 70%
CMY	0.2980, 0.2353, 0.2980
CMYK	0.08, 0.00, 0.08, 0.24
HSL	120°, 12%, 73%
HSV	120°, 8%, 76%
XYZ	46.2422, 51.8686, 50.2222
YIQ	188.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

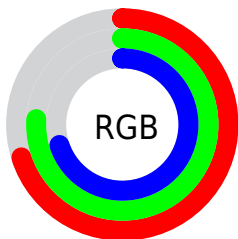
Format	Color
RYB	179, 195, 195
Decimal	11781043
CIELab	77.20, -8.48, 6.16
CIELCh	77, 10.486, 143.991
Yxy	51.8686, 0.3117, 0.3497
Android (android.graphics.Color)	4289971123 (0xFFB3C3B3)
YUV	188.3920, -4.6303, -8.2368
Hunter-Lab	72.0199, -11.4242, 9.0687

Details

The YUV color $188.3920, -4.6303, -8.2368$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $185.6080, 4.6303, 8.2368$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.9790, -4.9196, -8.7516$, and $134.8050, -4.3409, -7.7220$ is the 20% darker color. If you saturate the color by 10%, you get $180.1320, -10.4181, -18.5328$, and if you desaturate by 10%, it is $196.2390, 0.8682, 1.5444$.

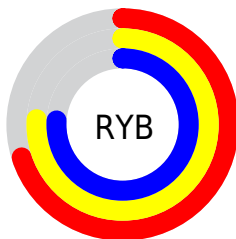
Distribution



Red (70%)

Green (76%)

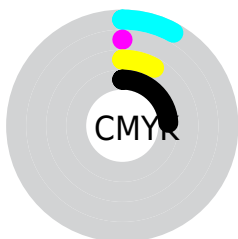
Blue (70%)



Red (70%)

Yellow (76%)

Blue (76%)

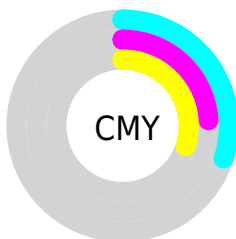


Cyan (8%)

Magenta (0%)

Yellow (8%)

Black (24%)



Cyan (30%)

Magenta (24%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.3920, -4.6303, -8.2368 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 188.3920, -4.6303, -8.2368 by changing the saturation by 10% instead.

■ 188.3920, -4.6303,
-8.2368

■ 188.3920, -4.6303,
-8.2368

255.0000, 0.0000,
0.0000

■ 161.3920, -4.6303,
-8.2368

■ 244.9790, -4.9196,
-8.7516

■ 134.8050, -4.3409,
-7.7220

■ 109.8050, -4.3409,
-7.7220

■ 85.2180, -4.0515,
-7.2072

■ 62.3320, -3.6147,
-7.3072

■ 40.0440, -3.4727,
-6.1776

■ 19.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 188.3920, -4.6303,
-8.2368

■ 188.3920, -4.6303,
-8.2368

■ 180.1320,
-10.4181, -18.5328

■ 196.2390, 0.8682,
1.5444

■ 172.2850,
-15.9165, -28.3139

■ 204.4990, 6.6560,
11.8404

■ 164.4380,
-21.4149, -38.0951

■ 212.7590, 12.4438,
22.1364

■ 156.1780,
-27.2028, -48.3911

■ 219.7800, 17.3635,
30.8879

■ 147.9180,
-32.9906, -58.6871

■ 140.0710,
-38.4890, -68.4683

■ 132.2240,
-43.9874, -78.2494

■ 123.9640,
-49.7753, -88.5454

■ 116.1170,
-55.2737, -98.3266

Harmonies

Analogous

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



189.2360, -8.0043, 0.6700



188.3920, -4.6303, -8.2368



187.3140, 0.3382, -15.1844

Triad

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



188.3920, -4.6303, -8.2368



189.8660, 9.9261, -10.4065



192.2580, -4.5642, 17.3137

Complementary

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



188.3920, -4.6303, -8.2368



185.6080, 4.6303, 8.2368

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.



192.5010, 0.2460, 14.4696



188.3920, -4.6303, -8.2368



191.4650, 8.1518, -1.2848

Square

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



188.3920, -4.6303, -8.2368



188.4800, 8.6374, -17.0840



192.6080, 4.6303, 8.2368



191.6230, -8.1951, 15.2396

Rectangle

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



188.3920, -4.6303, -8.2368



187.8020, 3.5486, -18.2434



192.6080, 4.6303, 8.2368



192.6000, -3.2538, 17.0138

Sweetspot

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



188.3920, -4.6303, -8.2368



249.9350, -1.4470, -2.5740



193.1760, -6.9888, 1.5996



126.7610, -0.8682, -1.5444



0.0000, 0.0000, 0.0000



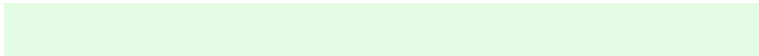
128.0000, 0.0000, 0.0000

Same Dimension

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



188.3920, -4.6303, -8.2368



241.6750, -7.2348, -12.8700



189.3040, -1.1359, -9.0366



92.8700, -2.8939, -5.1480



94.5070, -46.5920, -82.8826



19.3710, -9.5499, -16.9884

Inverse Universe

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



185.6080, 4.6303, 8.2368



237.3250, 7.2348, 12.8700



184.6960, 1.1359, 9.0366



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 188.3920, -4.6303, -8.2368 looks on a white background.

Color Contrast Check

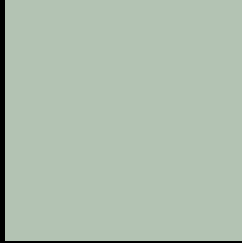
Large Text (above 18pt) WCAG AA × Fail

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 188.3920, -4.6303, -8.2368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

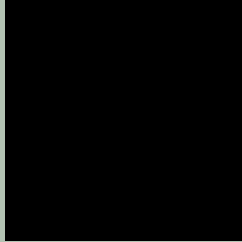
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

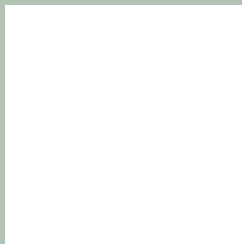
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.3920, -4.6303, -8.2368

Background



This preview shows how black text looks on a background with the YUV color 188.3920, -4.6303, -8.2368.



This preview shows how white text looks on a background with the YUV color 188.3920, -4.6303, -8.2368.

-8.2368.

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

188.3920, -4.6303, -8.2368

Protanopia

190.4970, -7.1470, 5.7031

Deuteranopia

192.0300, -5.4378, 17.5137



Tritanopia

190.3180, 7.7312, -6.4179

Trichromacy



Original Color

188.3920, -4.6303, -8.2368

Protanomaly

189.6920, -6.2572, 0.2701

Deuteranomaly

190.6760, -5.2633, 8.1771

Tritanomaly

189.4660, 3.2213, -6.5477

Monochromacy



Original Color

188.3920, -4.6303, -8.2368

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.5220, -1.7363, -3.0888

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.3920, -4.6303, -8.2368 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(179, 195, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 195, 179)  
}
```

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(179, 195, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 195, 179) }
```

Border

The CSS property to change the border of an element to YUV 188.3920, -4.6303, -8.2368 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(179, 195, 179) }
```


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

```
.border{ border-color:rgb(179, 195, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 195, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 195, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 195, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 195,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 188.3920, -4.6303, -8.2368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 195, 179) }
```

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

```
.background{ background-color: rgb(179,  
195, 179) }
```

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