

Converting Colors

YUV(108.9220, -11.7935,
2.6994)

Have a look what the booklet for
YUV(108.9220, -11.7935, 2.6994)
contains.

YUV(108.9220, -11.7935, 2.6994)	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(108.9220, -11.7935,
2.6994)**

Conversions

Conversions Part 1

Format	Color
Hex	707055
RGB	112, 112, 85
RGB Percent	44%, 44%, 33%
CMY	0.5608, 0.5608, 0.6667
CMYK	0.00, 0.00, 0.24, 0.56
HSL	60°, 14%, 39%
HSV	60°, 24%, 44%
XYZ	14.1160, 15.6890, 10.8786
YIQ	108.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

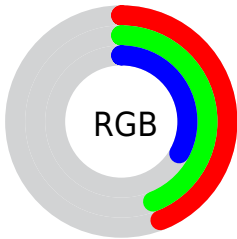
Format	Color
RYB	85, 112, 85
Decimal	7368789
CIELab	46.56, -4.89, 15.06
CIELCh	47, 15.837, 107.970
Yxy	15.6890, 0.3470, 0.3856
Android (android.graphics.Color)	4285558869 (0xFF707055)
YUV	108.9220, -11.7935, 2.6994
Hunter-Lab	39.6093, -5.7025, 11.4426

Details

The YUV color **108.9220, -11.7935, 2.6994** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **88.0780, 11.7935, -2.6994**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6940, -12.6671, 2.8994**, and **61.2640, -10.4832, 2.3995** is the 20% darker color. If you saturate the color by 10%, you get **107.6680, -16.5983, 3.7992**, and if you desaturate by 10%, it is **110.1760, -6.9888, 1.5996**.

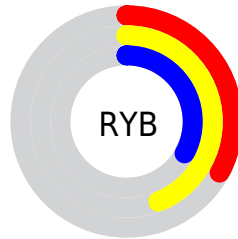
Distribution



Red (44%)

Green (44%)

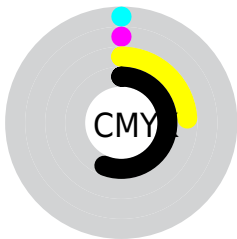
Blue (33%)



Red (33%)

Yellow (44%)

Blue (33%)

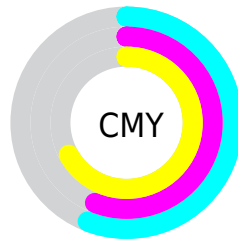


Cyan (0%)

Magenta (0%)

Yellow (24%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.9220, -11.7935, 2.6994 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 108.9220, -11.7935, 2.6994 by changing the saturation by 10% instead.

■ 108.9220,
-11.7935, 2.6994

■ 108.9220,
-11.7935, 2.6994

■ 255.0000, 0.0000,
0.0000

■ 84.7370, -11.2093,
1.9847

■ 160.6940,
-12.6671, 2.8994

■ 61.2640, -10.4832,
2.3995

■ 187.5800,
-13.1039, 2.9993

■ 39.0790, -9.8989,
1.6847

■ 215.4660,
-13.5407, 3.0993

■ 19.1930, -9.4621,
1.5847

■ 243.7650,
-13.6881, 3.7141

■ 0.0000, 0.0000,
0.0000

■ 253.7460, -4.8048,
1.0998

■ 108.9220,
-11.7935, 2.6994

■ 108.9220,
-11.7935, 2.6994

■ 107.6680,
-16.5983, 3.7992

■ 110.1760, -6.9888,
1.5996

■ 106.4140,
-21.4031, 4.8989

■ 111.4300, -2.1840,
0.4999

■ 105.0460,
-26.6447, 6.0987

■ 112.7980, 3.0576,
-0.6998

■ 103.7920,
-31.4495, 7.1984

■ 114.0520, 7.8624,
-1.7996

■ 102.5380,
-36.2542, 8.2982

■ 115.3060, 12.6671,
-2.8994

■ 101.2840,
-41.0590, 9.3979

■ 116.5600, 17.4719,
-3.9991

■ 100.0300,
-45.8638, 10.4977

■ 117.8140, 22.2767,
-5.0989

■ 99.2320, -48.9214,

■ 119.1820, 27.5183,

11.1975

-6.2986

■ 120.4360, 32.3231,
-7.3984

Harmonies

Analogous

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



110.4610, -12.5523, 12.7507



108.9220, -11.7935, 2.6994



107.5830, -7.6824, -9.2813

Triad

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



108.9220, -11.7935, 2.6994



105.3370, 12.1589, -26.6055



112.5770, 1.6875, 18.7880

Complementary

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



108.9220, -11.7935, 2.6994



88.0780, 11.7935, -2.6994

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.



112.1180, 7.8298, 8.6665



108.9220, -11.7935, 2.6994



108.1470, 13.7315, -17.6689

Square

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



108.9220, -11.7935, 2.6994



104.8440, 6.4859, -27.0502



111.0670, 11.7990, -4.4438



112.2910, -4.5805, 22.5468

Rectangle

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



108.9220, -11.7935, 2.6994



106.0920, -3.0034, -16.7437



111.0670, 11.7990, -4.4438



112.8370, 4.0244, 15.9290

Sweetspot

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



108.9220, -11.7935, 2.6994



143.8600, -4.3680, 0.9998



93.0730, -3.9800, 16.5990



73.3160, -2.6208, 0.5999



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



108.9220, -11.7935, 2.6994



140.2120, -18.3455, 4.1991



104.7360, -9.7298, -5.9075



55.3160, -2.6208, 0.5999



106.3200, -52.4158, 11.9974



218.8420, -107.8891, 24.6946

Inverse Universe

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



88.0780, 11.7935, -2.6994



107.7880, 18.3455, -4.1991



91.9650, 9.8773, 5.2927



50.6840, 2.6208, -0.5999



13.6800, 52.4158, -11.9974



28.1580, 107.8891, -24.6946

Previews

White Background



This preview shows how the YUV color 108.9220, -11.7935, 2.6994 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 108.9220, -11.7935, 2.6994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

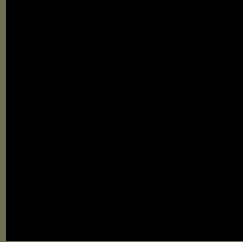
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

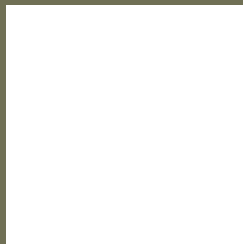
Any Text WCAG AAA × Fail

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

YUV 108.9220, -11.7935, 2.6994 Background



This preview shows how black text looks on a background with the YUV color 108.9220, -11.7935, 2.6994.



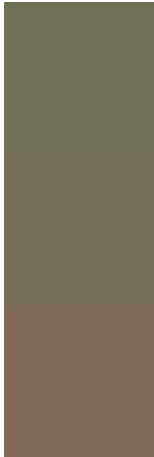
This preview shows how white text looks on a background with the YUV color 108.9220, -11.7935, 2.6994.

2.6994.

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

108.9220, -11.7935, 2.6994

Protanopia

109.4280, -12.5360, 7.5176

Deuteranopia

110.5970, -12.1263, 16.1394



Tritanopia

111.3040, 2.3151, 4.1184

Trichromacy



Original Color

108.9220, -11.7935, 2.6994

Protanomaly

109.4170, -12.5306, 5.7733

Deuteranomaly

109.9770, -11.8207, 11.4212

Tritanomaly

110.3380, -2.6316, 4.0886

Monochromacy



Original Color

108.9220, -11.7935, 2.6994

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.9220, -11.7935, 2.6994 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(112, 112, 85)` looks like.

```
.text, #text, p{  
    color:rgb(112, 112, 85)  
}
```

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(112, 112, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 112, 85) }
```

Border

The CSS property to change the border of an element to YUV 108.9220, -11.7935, 2.6994 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(112, 112, 85) }
```


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

```
.border{ border-color:rgb(112, 112, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 112, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 112, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 112, 85);  
box-shadow:4px 4px 4px 4px rgb(112, 112,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 108.9220, -11.7935, 2.6994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 112, 85) }
```

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

```
.background{ background-color: rgb(112,  
112, 85) }
```

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