

Converting Colors

YUV(118.9220, -11.7935,
2.6994)

Have a look what the booklet for
YUV(118.9220, -11.7935, 2.6994)
contains.

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Color

**YUV(118.9220, -11.7935,
2.6994)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7A5F
RGB	122, 122, 95
RGB Percent	48%, 48%, 37%
CMY	0.5216, 0.5216, 0.6275
CMYK	0.00, 0.00, 0.22, 0.52
HSL	60°, 12%, 43%
HSV	60°, 22%, 48%
XYZ	17.0511, 18.8829, 13.5725
YIQ	118.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

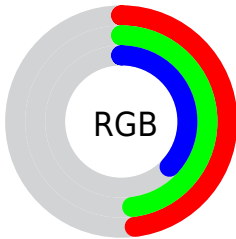
Format	Color
RYB	95, 122, 95
Decimal	8026719
CIELab	50.55, -4.86, 14.83
CIElCh	51, 15.609, 108.133
Yxy	18.8829, 0.3444, 0.3814
Android (android.graphics.Color)	4286216799 (0xFF7A7A5F)
YUV	118.9220, -11.7935, 2.6994
Hunter-Lab	43.4544, -6.0034, 11.8995

Details

The YUV color **118.9220, -11.7935, 2.6994** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **98.0780, 11.7935, -2.6994**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1070, -12.3778, 3.4142**, and **70.2640, -10.4832, 2.3995** is the 20% darker color. If you saturate the color by 10%, you get **117.5540, -17.0351, 3.8991**, and if you desaturate by 10%, it is **120.2900, -6.5520, 1.4997**.

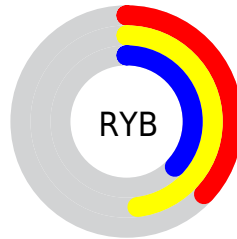
Distribution



Red (48%)

Green (48%)

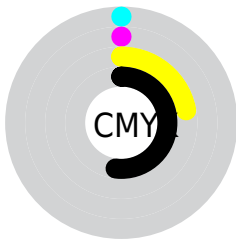
Blue (37%)



Red (37%)

Yellow (48%)

Blue (37%)

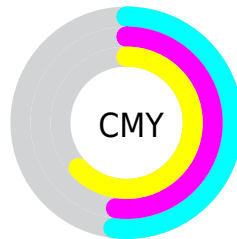


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (52%)



Cyan (52%)

Magenta (52%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.9220, -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 118.9220, -11.7935, 2.6994 by changing the saturation by 10% instead.

■ 118.9220,
-11.7935, 2.6994

■ 118.9220,
-11.7935, 2.6994

255.0000, 0.0000,
0.0000

■ 94.0360, -11.3567,
2.5994

■ 171.1070,
-12.3778, 3.4142

■ 70.2640, -10.4832,
2.3995

■ 198.5800,
-13.1039, 2.9993

■ 47.9650, -10.3357,
1.7847

■ 226.5800,
-13.1039, 2.9993

■ 26.8080, -12.2303,
2.7994

■ 251.9220,
-11.7935, 2.6994

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 118.9220,
-11.7935, 2.6994

■ 118.9220,
-11.7935, 2.6994

■ 117.5540,
-17.0351, 3.8991

■ 120.2900, -6.5520,
1.4997

■ 116.1860,
-22.2767, 5.0989

■ 121.6580, -1.3104,
0.2999

■ 114.7040,
-27.9551, 6.3986

■ 123.1400, 4.3680,
-0.9998

■ 113.3360,
-33.1966, 7.5983

■ 124.5080, 9.6096,
-2.1995

■ 111.9680,
-38.4382, 8.7981

■ 125.8760, 14.8511,
-3.3993

■ 110.6000,
-43.6798, 9.9978

■ 127.2440, 20.0927,
-4.5990

■ 109.2320,
-48.9214, 11.1975

■ 128.6120, 25.3343,
-5.7987

■ 108.0920,

■ 130.0940, 31.0127,

-53.2894, 12.1973

-7.0984

■ 131.4620, 36.2542,
-8.2982

Harmonies

Analogous

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



120.7600, -12.6997, 13.3655



118.9220, -11.7935, 2.6994



117.5830, -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.



118.9220, -11.7935, 2.6994



115.6360, 12.0115, -25.9908



122.5770, 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.



118.9220, -11.7935, 2.6994



98.0780, 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.



122.1180, 7.8298, 8.6665



118.9220, -11.7935, 2.6994



118.1470, 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.



118.9220, -11.7935, 2.6994



114.8440, 6.4859, -27.0502



121.0670, 11.7990, -4.4438



122.2910, -4.5805, 22.5468

Rectangle

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



118.9220, -11.7935, 2.6994



116.0920, -3.0034, -16.7437



121.0670, 11.7990, -4.4438



122.8370, 4.0244, 15.9290

Sweetspot

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



118.9220, -11.7935, 2.6994



156.7460, -4.8048, 1.0998



103.0730, -3.9800, 16.5990



78.3160, -2.6208, 0.5999



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



118.9220, -11.7935, 2.6994



153.0980, -18.7823, 4.2991



115.0350, -9.8773, -5.2927



60.3160, -2.6208, 0.5999



110.7500, -54.5998, 12.4972



223.2720, -110.0731, 25.1945

Inverse Universe

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



98.0780, 11.7935, -2.6994



119.9020, 18.7823, -4.2991



102.2640, 9.7298, 5.9075



55.6840, 2.6208, -0.5999



14.2500, 54.5998, -12.4972



28.7280, 110.0731, -25.1945

Previews

White Background



This preview shows how the YUV color 118.9220, -11.7935, 2.6994 looks on a white 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

Black Background



This preview shows how the YUV color 118.9220, -11.7935, 2.6994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

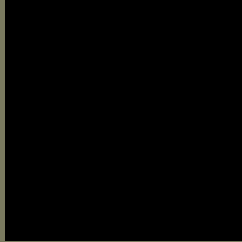
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.9220, -11.7935, 2.6994 Background



This preview shows how black text looks on a background with the YUV color 118.9220, -11.7935, 2.6994.



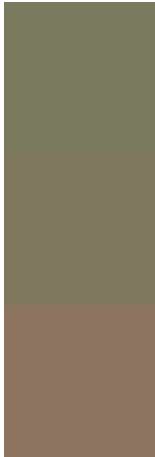
This preview shows how white text looks on a background with the YUV color 118.9220, -11.7935, 2.6994.

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

118.9220, -11.7935, 2.6994

Protanopia

119.4280, -12.5360, 7.5176

Deuteranopia

120.8960, -12.2737, 16.7542



Tritanopia

121.4180, 2.7519, 4.0184

Trichromacy



Original Color

118.9220, -11.7935, 2.6994

Protanomaly

119.4170, -12.5306, 5.7733

Deuteranomaly

119.9770, -11.8207, 11.4212

Tritanomaly

120.3380, -2.6316, 4.0886

Monochromacy



Original Color

118.9220, -11.7935, 2.6994

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9220, -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(122, 122, 95)` looks like.

```
.text, #text, p{  
    color:rgb(122, 122, 95)  
}
```

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(122, 122, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 122, 95) }
```

Border

The CSS property to change the border of an element to YUV 118.9220, -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(122, 122, 95) }
```


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

```
.border{ border-color:rgb(122, 122, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 122, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 122, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 122, 95);  
box-shadow:4px 4px 4px 4px rgb(122, 122,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 118.9220, -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(122, 122, 95) }
```

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

```
.background{ background-color: rgb(122,  
122, 95) }
```

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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