

Converting Colors

YUV(118.2120, -18.3455,
4.1991)

Have a look what the booklet for
YUV(118.2120, -18.3455, 4.1991)
contains.

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Color

**YUV(118.2120, -18.3455,
4.1991)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7B51
RGB	123, 123, 81
RGB Percent	48%, 48%, 32%
CMY	0.5176, 0.5176, 0.6824
CMYK	0.00, 0.00, 0.34, 0.52
HSL	60°, 21%, 40%
HSV	60°, 34%, 48%
XYZ	16.7365, 18.9710, 10.5642
YIQ	118.2120, 13.4820, -13.0620

Conversions

Conversions Part 2

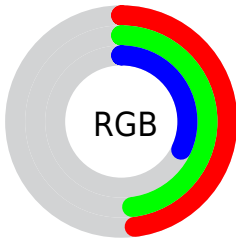
Format	Color
RYB	81, 123, 81
Decimal	8092497
CIELab	50.65, -7.05, 23.02
CIElCh	51, 24.073, 107.025
Yxy	18.9710, 0.3617, 0.4100
Android (android.graphics.Color)	4286282577 (0xFF7B7B51)
YUV	118.2120, -18.3455, 4.1991
Hunter-Lab	43.5557, -7.6326, 16.1084

Details

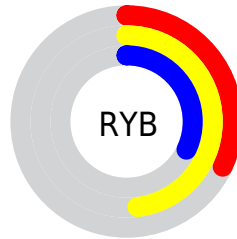
The YUV color **118.2120, -18.3455, 4.1991** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **85.7880, 18.3455, -4.1991**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2830, -19.3665, 5.0138**, and **69.2550, -16.8877, 3.2844** is the 20% darker color. If you saturate the color by 10%, you get **116.8440, -23.5871, 5.3988**, and if you desaturate by 10%, it is **119.5800, -13.1039, 2.9993**.

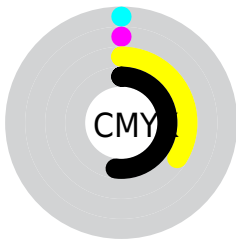
Distribution



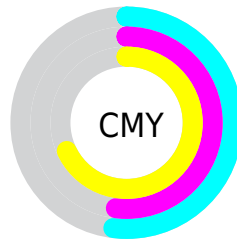
- Red (48%)
- Green (48%)
- Blue (32%)



- Red (32%)
- Yellow (48%)
- Blue (32%)



- Cyan (0%)
- Magenta (0%)
- Yellow (34%)
- Black (52%)



- Cyan (52%)
- Magenta (52%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2120, -18.3455, 4.1991 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 118.2120, -18.3455, 4.1991 by changing the saturation by 10% instead.

■ 118.2120,
-18.3455, 4.1991

■ 118.2120,
-18.3455, 4.1991

■ 255.0000, 0.0000,
0.0000

■ 93.4400, -17.4719,
3.9991

■ 170.2830,
-19.3665, 5.0138

■ 69.2550, -16.8877,
3.2844

■ 198.0550,
-20.2401, 5.2138

■ 47.0700, -16.3035,
2.5696

■ 225.9410,
-20.6769, 5.3137

■ 26.8680, -13.2459,
1.8698

■ 250.0980,
-18.7823, 4.2991

■ 2.3480, -1.1576,
-2.0592

■ 253.2900, -6.5520,
1.4997

■ 0.0000, 0.0000,
0.0000

■ 118.2120,
-18.3455, 4.1991

■ 118.2120,
-18.3455, 4.1991

■ 116.8440,
-23.5871, 5.3988

■ 119.5800,
-13.1039, 2.9993

■ 115.3620,
-29.2655, 6.6985

■ 121.0620, -7.4256,
1.6996

■ 113.9940,
-34.5070, 7.8983

■ 122.4300, -2.1840,
0.4999

■ 112.6260,
-39.7486, 9.0980

■ 123.7980, 3.0576,
-0.6998

■ 111.1440,
-45.4270, 10.3977

■ 125.2800, 8.7360,
-1.9996

■ 109.7760,
-50.6686, 11.5974

■ 126.6480, 13.9775,
-3.1993

■ 108.9780,
-53.7262, 12.2973

■ 128.0160, 19.2191,
-4.3990

■ 129.3840, 24.4607,

-5.5988

■ 130.8660, 30.1391,
-6.8985

Harmonies

Analogous

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



120.0830, -19.2679, 20.0982



118.2120, -18.3455, 4.1991



115.5240, -11.5973, -13.6145

Triad

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



118.2120, -18.3455, 4.1991



110.1540, 19.6441, -47.4931



123.3870, 3.2602, 27.7246

Complementary

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



118.2120, -18.3455, 4.1991



85.7880, 18.3455, -4.1991

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.



123.4050, 12.6183, 12.7998



118.2120, -18.3455, 4.1991



115.5350, 21.9212, -31.1642

Square

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



118.2120, -18.3455, 4.1991



109.2760, 11.2029, -46.7231



120.6950, 19.3774, -8.5025



123.2000, -6.5076, 34.0276

Rectangle

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



118.2120, -18.3455, 4.1991



113.8690, -4.8654, -26.1951



120.6950, 19.3774, -8.5025



123.5760, 6.6180, 24.0508

Sweetspot

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



118.2120, -18.3455, 4.1991



159.1760, -6.9888, 1.5996



93.5580, -6.1911, 25.8206



80.8600, -4.3680, 0.9998



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



118.2120, -18.3455, 4.1991



153.4760, -28.8287, 6.5985



111.9330, -15.2500, -8.7112



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.



85.7880, 18.3455, -4.1991



102.5240, 28.8287, -6.5985



92.0670, 15.2500, 8.7112



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 118.2120, -18.3455, 4.1991 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 118.2120, -18.3455, 4.1991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

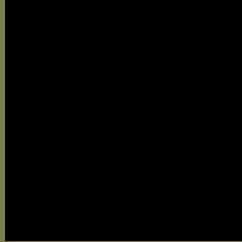
Any Text WCAG AA ✓ Pass

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 118.2120, -18.3455, 4.1991 Background



This preview shows how black text looks on a background with the YUV color 118.2120, -18.3455, 4.1991.



This preview shows how white text looks on a background with the YUV color 118.2120, -18.3455,

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

118.2120, -18.3455, 4.1991

Protanopia

118.7290, -19.0934, 10.7617

Deuteranopia

120.0230, -18.2523, 21.0278



Tritanopia

121.4290, 2.7465, 5.7628

Trichromacy



Original Color

118.2120, -18.3455, 4.1991

Protanomaly

118.4190, -18.9406, 8.4025

Deuteranomaly

119.2780, -18.3781, 14.6652

Tritanomaly

120.0670, -4.9630, 5.2032

Monochromacy



Original Color

118.2120, -18.3455, 4.1991

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2900, -6.5520, 1.4997

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2120, -18.3455, 4.1991 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(123, 123, 81)` looks like.

```
.text, #text, p{  
    color:rgb(123, 123, 81)  
}
```

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(123, 123, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 123, 81) }
```

Border

The CSS property to change the border of an element to YUV 118.2120, -18.3455, 4.1991 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(123, 123, 81) }
```


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

```
.border{ border-color:rgb(123, 123, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 123, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 123, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 123, 81);  
box-shadow:4px 4px 4px 4px rgb(123, 123,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 118.2120, -18.3455, 4.1991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 123, 81) }
```

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

```
.background{ background-color: rgb(123,  
123, 81) }
```

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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