

Converting Colors

YUV(120.1950, 0.8899, -5.4330)

Have a look what the booklet for
YUV(120.1950, 0.8899, -5.4330)
contains.

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Color

**YUV(120.1950, 0.8899,
-5.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	727B7A
RGB	114, 123, 122
RGB Percent	45%, 48%, 48%
CMY	0.5529, 0.5176, 0.5216
CMYK	0.07, 0.00, 0.01, 0.52
HSL	173°, 4%, 46%
HSV	173°, 7%, 48%
XYZ	17.5352, 19.1485, 21.1842
YIQ	120.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

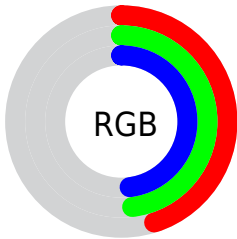
Format	Color
R_{YB}	114, 119, 123
Decimal	7502714
CIE Lab	50.86, -3.55, -0.61
CIE LCh	51, 3.605, 189.800
Yxy	19.1485, 0.3030, 0.3309
Android (android.graphics.Color)	4285692794 (0xFF727B7A)
YUV	120.1950, 0.8899, -5.4330
Hunter-Lab	43.7590, -5.0490, 1.9284

Details

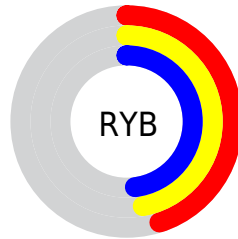
The YUV color $120.1950, 0.8899, -5.4330$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $116.8050, -0.8899, 5.4330$, and the grayscale version is $120.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $172.1950, 0.8899, -5.4330$, and $71.4940, 0.7425, -4.8182$ is the 20% darker color. If you saturate the color by 10%, you get $116.4930, 2.2220, -12.7104$, and if you desaturate by 10%, it is $123.8970, -0.4422, 1.8443$.

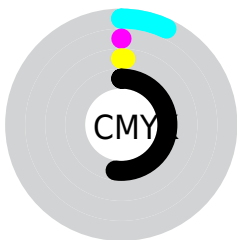
Distribution



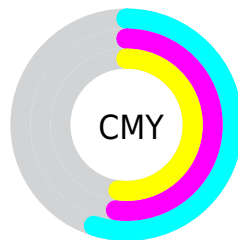
- Red (45%)
- Green (48%)
- Blue (48%)



- Red (45%)
- Yellow (47%)
- Blue (48%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (52%)



- Cyan (55%)
- Magenta (52%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1950, 0.8899, -5.4330 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 120.1950, 0.8899, -5.4330 by changing the saturation by 10% instead.

■ 120.1950, 0.8899,
-5.4330

■ 120.1950, 0.8899,
-5.4330

■ 255.0000, 0.0000,
0.0000

■ 95.1950, 0.8899,
-5.4330

■ 172.1950, 0.8899,
-5.4330

■ 71.4940, 0.7425,
-4.8182

■ 199.8960, 1.0373,
-6.0478

■ 49.4940, 0.7425,
-4.8182

■ 227.8960, 1.0373,
-6.0478

■ 28.4940, 0.7425,
-4.8182

■ 253.2060, 0.8844,
-3.6887

■ 3.9780, 0.0108,
-3.4887

■ 0.0000, 0.0000,
0.0000

■ 120.1950, 0.8899,
-5.4330

■ 120.1950, 0.8899,
-5.4330

■ 116.4930, 2.2220,
-12.7104

■ 123.8970, -0.4422,
1.8443

■ 112.3780, 3.2646,
-20.5025

■ 128.0120, -1.4849,
9.6365

■ 108.6760, 4.5967,
-27.7799

■ 131.7140, -2.8170,
16.9138

■ 104.9740, 5.9288,
-35.0572

■ 135.4160, -4.1491,
24.1912

■ 101.1580, 6.8241,
-42.2346

■ 139.5310, -5.1918,
31.9833

■ 97.1570, 8.3036,
-50.1267

■ 143.2330, -6.5239,
39.2607

■ 93.3410, 9.1989,
-57.3041

■ 147.0490, -7.4192,
46.4380

■ 89.6390, 10.5310,

■ 150.7510, -8.7512,

-64.5814

53.7154

■ 85.6380, 12.0105,
-72.4735

■ 154.7520,
-10.2307, 61.6075

Harmonies

Analogous

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



120.4510, -0.7153, -3.9035



120.1950, 0.8899, -5.4330



120.5370, 2.2003, -5.7329

Triad

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



120.1950, 0.8899, -5.4330



121.5810, 2.1786, 1.2445



121.2240, -3.0684, 4.1886

Complementary

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



120.1950, 0.8899, -5.4330



116.8050, -0.8899, 5.4330

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.



121.4630, -2.2003, 5.7329



120.1950, 0.8899, -5.4330



121.5490, 0.7153, 3.9035

Square

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



120.1950, 0.8899, -5.4330



121.0860, 2.9156, -1.8294



121.8050, -0.8899, 5.4330



120.9140, -2.9156, 1.8294

Rectangle

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



120.1950, 0.8899, -5.4330



120.3630, 2.7790, -4.7034



121.8050, -0.8899, 5.4330



121.6370, -2.7790, 4.7034

Sweetspot

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



120.1950, 0.8899, -5.4330



159.6900, 0.1528, -2.3591



119.5820, -2.7519, -4.0184



81.2880, -0.1420, -1.1296



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.



120.1950, 0.8899, -5.4330



156.2870, 1.3375, -9.0217



118.5480, 2.1948, -3.9886



59.2060, 0.8844, -3.6887



86.0290, 12.3107, -75.4474



173.4600, 24.9162, -152.1244

Inverse Universe

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



116.8050, -0.8899, 5.4330



150.7130, -1.3375, 9.0217



118.4520, -2.1948, 3.9886



56.9080, -0.4476, 3.5887



38.9710, -12.3107, 75.4474



78.5400, -24.9162, 152.1244

Previews

White Background



This preview shows how the YUV color 120.1950, 0.8899, -5.4330 looks on a white background.

Color Contrast Check

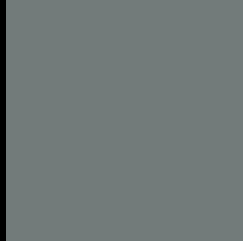
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.1950, 0.8899, -5.4330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

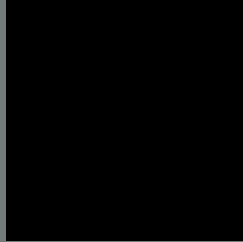
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

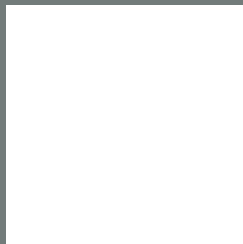
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.1950, 0.8899, -5.4330

Background



This preview shows how black text looks on a background with the YUV color 120.1950, 0.8899, -5.4330.



This preview shows how white text looks on a background with the YUV color 120.1950, 0.8899,

-5.4330.

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

120.1950, 0.8899, -5.4330

Protanopia

120.8970, -0.4422, 1.8443

Deuteranopia

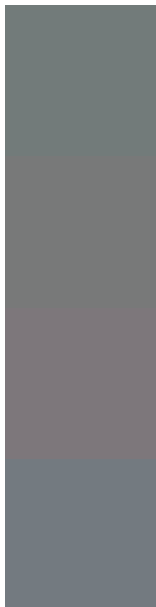
122.1690, 0.4097, 8.6218



Tritanopia

121.2320, 4.8156, -4.5885

Trichromacy



Original Color

120.1950, 0.8899, -5.4330

Protanomaly

120.7010, 0.1474, -0.6148

Deuteranomaly

121.2500, 0.8628, 3.2887

Tritanomaly

120.5910, 3.6526, -4.9033

Monochromacy



Original Color

120.1950, 0.8899, -5.4330

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1030, 0.4422, -1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1950, 0.8899, -5.4330 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(114, 123, 122)` looks like.

```
.text, #text, p{  
    color:rgb(114, 123, 122)  
}
```

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(114, 123, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 123, 122) }
```

Border

The CSS property to change the border of an element to YUV 120.1950, 0.8899, -5.4330 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(114, 123, 122) }
```


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

```
.border{ border-color:rgb(114, 123, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 123, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 123, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 123, 122);  
box-shadow:4px 4px 4px 4px rgb(114, 123,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 120.1950, 0.8899, -5.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 123, 122) }
```

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

```
.background{ background-color: rgb(114,  
123, 122) }
```

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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