

Converting Colors

YUV(119.7200, 1.1240,
-33.9574)

Have a look what the booklet for
YUV(119.7200, 1.1240, -33.9574)
contains.

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Color

**YUV(119.7200, 1.1240,
-33.9574)**

Conversions

Conversions Part 1

Format	Color
Hex	518B7A
RGB	81, 139, 122
RGB Percent	32%, 55%, 48%
CMY	0.6824, 0.4549, 0.5216
CMYK	0.42, 0.00, 0.12, 0.45
HSL	162°, 26%, 43%
HSV	162°, 42%, 55%
XYZ	16.1388, 21.6197, 21.7348
YIQ	119.7200, -29.1110, -17.5830

Conversions

Conversions Part 2

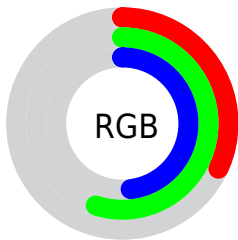
Format	Color
RYB	81, 115, 139
Decimal	5344122
CIELab	53.62, -23.22, 3.15
CIElCh	54, 23.431, 172.272
Yxy	21.6197, 0.2713, 0.3634
Android (android.graphics.Color)	4283534202 (0xFF518B7A)
YUV	119.7200, 1.1240, -33.9574
Hunter-Lab	46.4970, -19.4135, 4.8331

Details

The YUV color **119.7200, 1.1240, -33.9574** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **100.2800, -1.1240, 33.9574**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8940, 0.5453, -34.9870**, and **69.2360, 1.8557, -35.2870** is the 20% darker color. If you saturate the color by 10%, you get **115.0780, 1.4405, -42.1644**, and if you desaturate by 10%, it is **124.3620, 0.8075, -25.7505**.

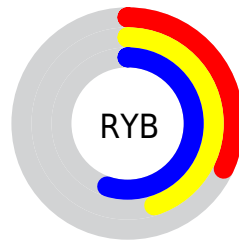
Distribution



Red (32%)

Green (55%)

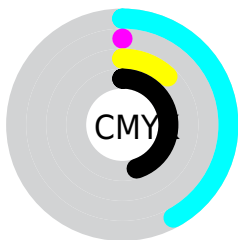
Blue (48%)



Red (32%)

Yellow (45%)

Blue (55%)

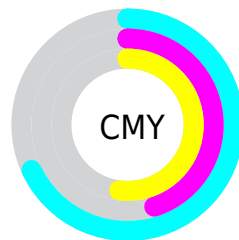


Cyan (42%)

Magenta (0%)

Yellow (12%)

Black (45%)



Cyan (68%)

Magenta (45%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.7200, 1.1240, -33.9574 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 119.7200, 1.1240, -33.9574 by changing the saturation by 10% instead.

■ 119.7200, 1.1240,
-33.9574

■ 119.7200, 1.1240,
-33.9574

■ 255.0000, 0.0000,
0.0000

■ 94.1330, 1.4134,
-33.4426

■ 172.8940, 0.5453,
-34.9870

■ 69.2360, 1.8557,
-35.2870

■ 200.5950, 0.6927,
-35.6018

■ 43.9690, 3.4663,
-38.5608

■ 228.5950, 0.6927,
-35.6018

■ 28.0740, 0.9495,
-24.6209

■ 243.3390, 5.7489,
-23.9763

■ 12.8970, -3.8932,
-11.3107

■ 252.0100, 1.4741,
-6.1478

■ 0.0000, 0.0000,
0.0000

■ 119.7200, 1.1240,
-33.9574

■ 119.7200, 1.1240,
-33.9574

■ 115.0780, 1.4405,
-42.1644

■ 124.3620, 0.8075,
-25.7505

■ 110.4360, 1.7571,
-50.3714

■ 129.0040, 0.4910,
-17.5435

■ 105.7940, 2.0736,
-58.5783

■ 133.6460, 0.1745,
-9.3365

■ 101.1520, 2.3901,
-66.7853

■ 138.2880, -0.1420,
-1.1296

■ 96.5100, 2.7066,
-74.9923

■ 142.6310, -0.3111,
6.4626

■ 92.7650, 2.5809,
-81.3549

■ 147.2730, -0.6276,
14.6696

■ 152.0290, -0.5073,
22.7766

■ 156.6710, -0.8238,

30.9835

■ 161.3130, -1.1403,
39.1905

Harmonies

Analogous

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



122.6700, -9.6973, -16.3736



119.7200, 1.1240, -33.9574



117.6290, 12.5079, -45.2786

Triad

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



119.7200, 1.1240, -33.9574



129.2610, 17.6193, -4.6139



128.7620, -15.6587, 29.1497

Complementary

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



119.7200, 1.1240, -33.9574



100.2800, -1.1240, 33.9574

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.



130.4450, -8.1074, 33.8127



119.7200, 1.1240, -33.9574



131.2590, 10.7183, 15.5589

Square

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



119.7200, 1.1240, -33.9574



125.0410, 21.1788, -26.3460



131.2300, 1.3656, 28.7393



127.3600, -19.4045, 17.2243

Rectangle

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



119.7200, 1.1240, -33.9574



118.4100, 18.0389, -45.9636



131.2300, 1.3656, 28.7393



129.9410, -13.7749, 31.6237

Sweetspot

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



119.7200, 1.1240, -33.9574



173.3250, 0.3328, -13.4400



120.1290, -19.2906, -19.4071



86.9450, 0.0271, -8.7218



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



119.7200, 1.1240, -33.9574



151.1260, 1.9099, -52.7305



114.6140, 12.0223, -29.4795



66.6790, 0.1583, -4.1035



88.7870, 2.5700, -77.8662



3.3910, 0.3002, -2.9739

Inverse Universe

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



100.2800, -1.1240, 33.9574



120.8740, -1.9099, 52.7305



105.3860, -12.0223, 29.4795



64.3210, -0.1583, 4.1035



44.2130, -2.5700, 77.8662



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 119.7200, 1.1240, -33.9574 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 119.7200, 1.1240, -33.9574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

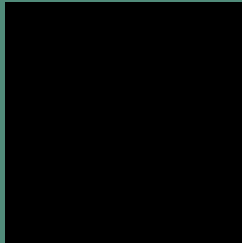
Any Text WCAG AA ✓ Pass

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 119.7200, 1.1240, -33.9574 Background



This preview shows how black text looks on a background with the YUV color 119.7200, 1.1240, -33.9574.



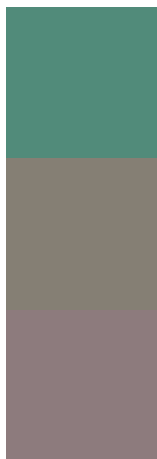
This preview shows how white text looks on a background with the YUV color 119.7200, 1.1240,

-33.9574.

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

119.7200, 1.1240, -33.9574

Protanopia

127.5400, -5.6892, 4.7884

Deuteranopia

128.6100, -1.7797, 10.8660



Tritanopia

122.4890, 11.5909, -31.1239

Trichromacy



Original Color

119.7200, 1.1240, -33.9574

Protanomaly

124.4350, -3.1725, -9.1515

Deuteranomaly

125.4400, -0.7099, -5.6479

Tritanomaly

121.4520, 7.6652, -31.9684

Monochromacy



Original Color

119.7200, 1.1240, -33.9574

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0370, 0.4748, -12.3104

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7200, 1.1240, -33.9574 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(81, 139, 122)` looks like.

```
.text, #text, p{  
    color:rgb(81, 139, 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(81, 139, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 139, 122) }
```

Border

The CSS property to change the border of an element to YUV 119.7200, 1.1240, -33.9574 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(81, 139, 122) }
```


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

```
.border{ border-color:rgb(81, 139, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 139, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 139, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 139, 122);  
box-shadow:4px 4px 4px 4px rgb(81, 139,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 119.7200, 1.1240, -33.9574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 139, 122) }
```

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

```
.background{ background-color: rgb(81, 139,  
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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