

Converting Colors

YUV(118.7550, 11.4598,
-35.7421)

Have a look what the booklet for
YUV(118.7550, 11.4598, -35.7421)
contains.

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Color

**YUV(118.7550, 11.4598,
-35.7421)**

Conversions

Conversions Part 1

Format	Color
Hex	4E878E
RGB	78, 135, 142
RGB Percent	31%, 53%, 56%
CMY	0.6941, 0.4706, 0.4431
CMYK	0.45, 0.05, 0.00, 0.44
HSL	187°, 29%, 43%
HSV	187°, 45%, 56%
XYZ	16.6883, 20.9006, 28.7458
YIQ	118.7550, -36.2190, -9.9070

Conversions

Conversions Part 2

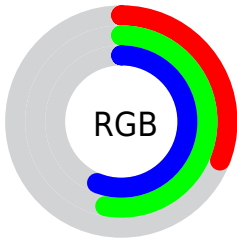
Format	Color
RYB	78, 108, 142
Decimal	5146510
CIELab	52.84, -16.75, -9.61
CIELCh	53, 19.308, 209.855
Yxy	20.9006, 0.2516, 0.3151
Android (android.graphics.Color)	4283336590 (0xFF4E878E)
YUV	118.7550, 11.4598, -35.7421
Hunter-Lab	45.7172, -14.8465, -5.2780

Details

The YUV color **118.7550, 11.4598, -35.7421** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **101.2450, -11.4598, 35.7421**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8690, 11.8966, -35.8421**, and **67.2600, 12.1968, -38.8160** is the 20% darker color. If you saturate the color by 10%, you get **113.3950, 14.1023, -43.3194**, and if you desaturate by 10%, it is **124.1150, 8.8173, -28.1649**.

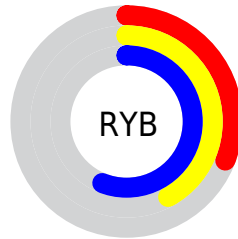
Distribution



Red (31%)

Green (53%)

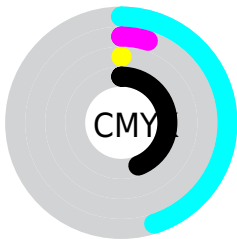
Blue (56%)



Red (31%)

Yellow (42%)

Blue (56%)

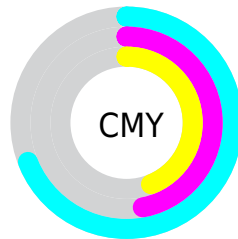


Cyan (45%)

Magenta (5%)

Yellow (0%)

Black (44%)



Cyan (69%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7550, 11.4598, -35.7421 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 118.7550, 11.4598, -35.7421 by changing the saturation by 10% instead.

■ 118.7550, 11.4598,
-35.7421

■ 118.7550, 11.4598,
-35.7421

■ 255.0000, 0.0000,
0.0000

■ 93.3420, 11.1704,
-36.2569

■ 171.8690, 11.8966,
-35.8421

■ 67.2600, 12.1968,
-38.8160

■ 199.5700, 12.0440,
-36.4569

■ 44.1460, 11.7600,
-38.7160

■ 228.1570, 11.7546,
-36.9717

■ 28.7240, 8.5171,
-25.1909

■ 242.7410, 6.0437,
-25.2059

■ 14.1170, 5.8583,
-12.3806

■ 251.4120, 1.7689,
-7.3773

■ 0.0000, 0.0000,
0.0000

■ 118.7550, 11.4598,
-35.7421

■ 118.7550, 11.4598,
-35.7421

■ 113.3950, 14.1023,
-43.3194

■ 124.1150, 8.8173,
-28.1649

■ 108.6220, 16.4554,
-51.4115

■ 128.8880, 6.4642,
-20.0728

■ 102.9630, 19.2452,
-59.6036

■ 134.5470, 3.6743,
-11.8807

■ 98.1900, 21.5983,
-67.6956

■ 139.3200, 1.3212,
-3.7886

■ 92.8300, 24.2408,
-75.2729

■ 144.6800, -1.3212,
3.7886

■ 90.1500, 25.5621,
-79.0615

■ 149.4530, -3.6743,
11.8807

■ 154.8130, -6.3168,
19.4580

■ 159.8850, -8.8173,

28.1649

■ 165.2450,
-11.4598, 35.7421

Harmonies

Analogous

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



118.9100, 3.0024, -29.7391



118.7550, 11.4598, -35.7421



120.7540, 16.3903, -30.4793

Triad

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



118.7550, 11.4598, -35.7421



128.9340, 6.9345, 15.8439



125.5380, -16.0412, 11.8062

Complementary

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



118.7550, 11.4598, -35.7421



101.2450, -11.4598, 35.7421

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.



126.4730, -14.0372, 22.3872



118.7550, 11.4598, -35.7421



128.6380, -0.8075, 25.7505

Square

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



118.7550, 11.4598, -35.7421



127.8550, 13.3825, 1.0042



127.8850, -8.8173, 28.1649



123.5470, -13.0877, -2.2337

Rectangle

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



118.7550, 11.4598, -35.7421



123.0370, 17.2368, -21.9574



127.8850, -8.8173, 28.1649



125.9730, -15.7627, 15.8097

Sweetspot

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



118.7550, 11.4598, -35.7421



174.4650, 4.7008, -14.4398



116.2520, -15.9002, -33.5470



86.0420, 2.9373, -8.8068



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.



118.7550, 11.4598, -35.7421



147.6430, 17.9240, -55.8149



100.5580, 20.4309, -19.7834



68.9070, 1.0318, -4.3034



85.8300, 24.2408, -75.2729



5.0210, 1.4686, -4.4034

Inverse Universe

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



103.6340, 15.4634, 33.6470



124.0460, 24.1343, 52.5797



119.4420, -20.4309, 19.7834



66.8910, 2.0257, 3.6036



54.0450, 32.5158, 70.9975



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 118.7550, 11.4598, -35.7421 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 118.7550, 11.4598, -35.7421 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

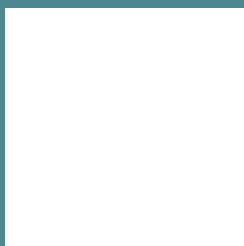
Any Text WCAG AAA × Fail

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

YUV 118.7550, 11.4598, -35.7421 Background



This preview shows how black text looks on a background with the YUV color 118.7550, 11.4598, -35.7421.



This preview shows how white text looks on a background with the YUV color 118.7550, 11.4598, -35.7421.

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

118.7550, 11.4598, -35.7421

Protanopia

126.2540, 4.8048, -1.0998

Deuteranopia

126.7150, 9.0145, 2.0039



Tritanopia

118.8090, 12.9122, -34.9125

Trichromacy



Original Color

118.7550, 11.4598, -35.7421

Protanomaly

123.7470, 7.0267, -13.8101

Deuteranomaly

123.8550, 9.9315, -12.1508

Tritanomaly

118.6950, 12.4754, -34.8125

Monochromacy



Original Color

118.7550, 11.4598, -35.7421

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9490, 3.9691, -13.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7550, 11.4598, -35.7421 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(78, 135, 142)` looks like.

```
.text, #text, p{  
    color:rgb(78, 135, 142)  
}
```

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(78, 135, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 135, 142) }
```

Border

The CSS property to change the border of an element to YUV 118.7550, 11.4598, -35.7421 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(78, 135, 142) }
```


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

```
.border{ border-color:rgb(78, 135, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 135, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 135, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 135, 142);  
box-shadow:4px 4px 4px 4px rgb(78, 135,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 118.7550, 11.4598, -35.7421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 135, 142) }
```

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

```
.background{ background-color: rgb(78, 135,  
142) }
```

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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