

Converting Colors

YUV(109.1200, 14.7308,
-11.5062)

Have a look what the booklet for
YUV(109.1200, 14.7308, -11.5062)
contains.

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Color

**YUV(109.1200, 14.7308,
-11.5062)**

Conversions

Conversions Part 1

Format	Color
Hex	606E8B
RGB	96, 110, 139
RGB Percent	38%, 43%, 55%
CMY	0.6235, 0.5686, 0.4549
CMYK	0.31, 0.21, 0.00, 0.45
HSL	220°, 18%, 46%
HSV	220°, 31%, 55%
XYZ	15.0600, 15.5027, 26.6247
YIQ	109.1200, -17.6530, 6.0510

Conversions

Conversions Part 2

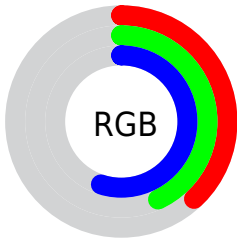
Format	Color
R_{YB}	96, 107, 139
Decimal	6319755
CIE _{Lab}	46.32, 1.96, -17.63
CIE _{LCh}	46, 17.734, 276.349
Yxy	15.5027, 0.2633, 0.2711
Android (android.graphics.Color)	4284509835 (0xFF606E8B)
YUV	109.1200, 14.7308, -11.5062
Hunter-Lab	39.3735, -0.6291, -12.5309

Details

The YUV color **109.1200, 14.7308, -11.5062** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **125.8800, -14.7308, 11.5062**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7610, 15.8938, -11.1914**, and **61.4790, 13.5679, -11.8211** is the 20% darker color. If you saturate the color by 10%, you get **99.6510, 19.3991, -15.4799**, and if you desaturate by 10%, it is **118.5890, 10.0626, -7.5326**.

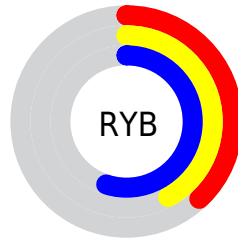
Distribution



Red (38%)

Green (43%)

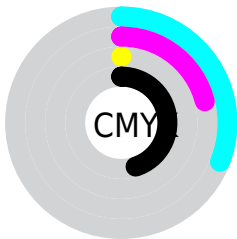
Blue (55%)



Red (38%)

Yellow (42%)

Blue (55%)

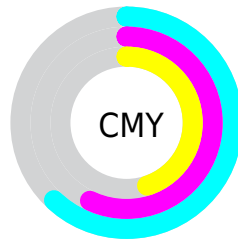


Cyan (31%)

Magenta (21%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (57%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1200, 14.7308, -11.5062 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 109.1200, 14.7308, -11.5062 by changing the saturation by 10% instead.

■ 109.1200, 14.7308,
-11.5062

■ 109.1200, 14.7308,
-11.5062

■ 255.0000, 0.0000,
0.0000

■ 84.5930, 14.0047,
-11.9211

■ 160.7610, 15.8938,
-11.1914

■ 61.4790, 13.5679,
-11.8211

■ 187.4620, 16.0412,
-11.8062

■ 38.9520, 12.8417,
-12.2359

■ 215.5760, 16.4780,
-11.9062

■ 16.9410, 12.8471,
-13.9803

■ 241.6550, 6.5791,
-10.2214

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 109.1200, 14.7308,
-11.5062

■ 109.1200, 14.7308,
-11.5062

■ 99.6510, 19.3991,
-15.4799

■ 118.5890, 10.0626,
-7.5326

■ 89.5950, 24.3567,
-18.9388

■ 128.6450, 5.1050,
-4.0737

■ 80.1260, 29.0249,
-22.9125

■ 138.1140, 0.4368,
-0.1000

■ 70.6570, 33.6931,
-26.8862

■ 147.5830, -4.2314,
3.8737

■ 60.6010, 38.6507,
-30.3451

■ 157.6390, -9.1890,
7.3326

■ 51.4310, 43.1715,
-33.7040


■ 166.8090,
-13.7098, 10.6915

■ 42.2610, 47.6923,
-37.0629

■ 176.8650,
-18.6674, 14.1504

■ 186.3340,

-23.3357, 18.1241

 195.8030,
-28.0039, 22.0978

Harmonies

Analogous

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



105.4450, 15.0636, -24.9463



109.1200, 14.7308, -11.5062



111.5950, 11.0457, 3.8632

Triad

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



109.1200, 14.7308, -11.5062



111.4500, -9.0959, 24.1613



104.8530, -3.8715, -18.2881

Complementary

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



109.1200, 14.7308, -11.5062



125.8800, -14.7308, 11.5062

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.



106.9210, -10.3141, -5.1927



109.1200, 14.7308, -11.5062



110.2660, -13.4421, 18.1837

Square

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



109.1200, 14.7308, -11.5062



111.8720, -2.4019, 23.7913



108.9720, -14.2832, 7.9176



103.2630, 4.3073, -28.2947

Rectangle

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



109.1200, 14.7308, -11.5062



112.2110, 6.7980, 12.9700



108.9720, -14.2832, 7.9176



105.6040, -6.2138, -13.6847

Sweetspot

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



109.1200, 14.7308, -11.5062



169.7590, 5.5418, -4.1736



124.5470, 0.2233, -25.0357



84.9010, 3.4998, -2.5442



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.



109.1200, 14.7308, -11.5062



134.5520, 22.8989, -18.0241



102.9950, 17.7505, 0.0044



63.9720, 2.4788, -1.7294



40.4030, 45.6503, -35.4334



1.7440, 1.6052, -1.5295

Inverse Universe

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



110.4530, -0.2233, 25.0357



136.5410, -0.2667, 38.9905



132.0050, -17.7505, -0.0044



64.3210, -0.1583, 4.1035



44.6690, -0.8228, 77.4663



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 109.1200, 14.7308, -11.5062 looks on a white 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

Black Background



This preview shows how the YUV color 109.1200, 14.7308, -11.5062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

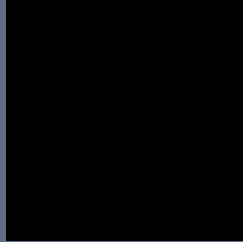
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

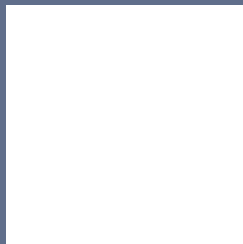
Any Text WCAG AAA × Fail

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

YUV 109.1200, 14.7308, -11.5062 Background



This preview shows how black text looks on a background with the YUV color 109.1200, 14.7308, -11.5062.



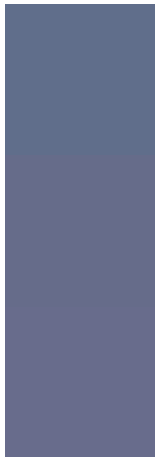
This preview shows how white text looks on a background with the YUV color 109.1200, 14.7308, -11.5062.

-11.5062.

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

109.1200, 14.7308, -11.5062

Protanopia

109.6260, 13.9884, -6.6880

Deuteranopia

110.4520, 14.5672, -5.6584



Tritanopia

107.7470, 7.0267, -13.8101

Trichromacy



Original Color

109.1200, 14.7308, -11.5062

Protanomaly

109.6150, 13.9938, -8.4324

Deuteranomaly

110.1420, 14.7200, -8.0175

Tritanomaly

108.1430, 9.7895, -13.2804

Monochromacy



Original Color

109.1200, 14.7308, -11.5062

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.7590, 5.5418, -4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1200, 14.7308, -11.5062 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(96, 110, 139)` looks like.

```
.text, #text, p{  
    color:rgb(96, 110, 139)  
}
```

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(96, 110, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 110, 139) }
```

Border

The CSS property to change the border of an element to YUV 109.1200, 14.7308, -11.5062 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(96, 110, 139) }
```


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

```
.border{ border-color:rgb(96, 110, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 110, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 110, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 110, 139);  
box-shadow:4px 4px 4px 4px rgb(96, 110,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 109.1200, 14.7308, -11.5062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 110, 139) }
```

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

```
.background{ background-color: rgb(96, 110,  
139) }
```

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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