

Converting Colors

YUV(169.3820, 11.1507,
63.6860)

Have a look what the booklet for
YUV(169.3820, 11.1507, 63.6860)
contains.

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Color

**YUV(169.3820, 11.1507,
63.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	F280C0
RGB	242, 128, 192
RGB Percent	95%, 50%, 75%
CMY	0.0510, 0.4980, 0.2471
CMYK	0.00, 0.47, 0.21, 0.05
HSL	326°, 81%, 73%
HSV	326°, 47%, 95%
XYZ	53.8515, 38.1214, 54.3890
YIQ	169.3820, 47.4000, 44.0720

Conversions

Conversions Part 2

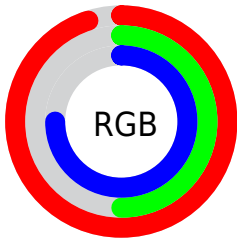
Format	Color
R _Y B	242, 128, 192
Decimal	15892672
CIE Lab	68.11, 51.19, -13.67
CIE LCh	68, 52.987, 345.047
Yxy	38.1214, 0.3679, 0.2605
Android (android.graphics.Color)	4294082752 (0xFFFF280C0)
YUV	169.3820, 11.1507, 63.6860
Hunter-Lab	61.7425, 47.6376, -9.0089

Details

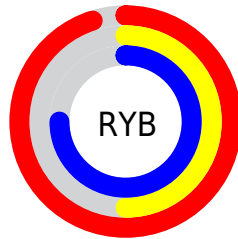
The YUV color **169.3820, 11.1507, 63.6860** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **200.6180, -11.1507, -63.6860**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9380, 17.7786, 37.7654**, and **113.8870, 11.8877, 60.6121** is the 20% darker color. If you saturate the color by 10%, you get **154.0400, 13.2913, 77.1409**, and if you desaturate by 10%, it is **184.7240, 9.0101, 50.2311**.

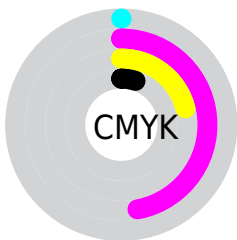
Distribution



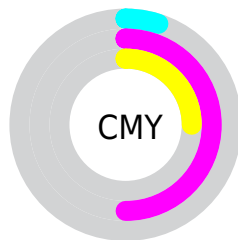
- Red (95%)
- Green (50%)
- Blue (75%)



- Red (95%)
- Yellow (50%)
- Blue (75%)



- Cyan (0%)
- Magenta (47%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 169.3820, 11.1507, 63.6860 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 169.3820, 11.1507, 63.6860 by changing the saturation by 10% instead.

 169.3820, 11.1507,
63.6860


 169.3820, 11.1507,
63.6860


255.0000, 0.0000,
0.0000

 141.4850, 11.5929,
61.8417


 211.9380, 17.7786,
37.7654


 113.8870, 11.8877,
60.6121

 229.7590, 12.4438,
22.1364

 86.2290, 13.1981,
60.3122

 246.7820, 4.0515,
7.2072

 55.0490, 16.2448,
63.1010

 37.3100, 13.6512,
54.9791

 26.7290, 8.0216,
40.5797

 17.1590, 2.3866,

27.9246

■ 0.0000, 0.0000,
0.0000

■ 169.3820, 11.1507,
63.6860

■ 169.3820, 11.1507,
63.6860

■ 154.0400, 13.2913,
77.1409

■ 184.7240, 9.0101,
50.2311

■ 138.8120, 15.8687,
90.4959

■ 199.9520, 6.4327,
36.8761

■ 122.8830, 18.2987,
104.4656

■ 215.8810, 4.0027,
22.9064

■ 107.6550, 20.8761,
117.8206

■ 231.1090, 1.4253,
9.5514

■ 92.3130, 23.0167,
131.2755

■ 246.4510, -0.7153,
-3.9035

■ 87.8620, 23.7320,
135.1790

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



171.0040, 31.0570, 25.4295



169.3820, 11.1507, 63.6860



166.0360, -10.8637, 78.0214

Triad

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



169.3820, 11.1507, 63.6860



159.0730, -44.4060, 9.5830



136.3310, 47.6578, -119.5623

Complementary

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



169.3820, 11.1507, 63.6860



200.6180, -11.1507, -63.6860

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.



133.0760, 27.5705, -116.7077



169.3820, 11.1507, 63.6860



152.4620, -27.8358, -31.9772

Square

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



169.3820, 11.1507, 63.6860



163.0650, -45.3880, 44.6700



130.2030, 4.8299, -102.7870



133.5560, 59.8719, -117.1286

Rectangle

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



169.3820, 11.1507, 63.6860



165.2300, -25.2564, 74.3433



130.2030, 4.8299, -102.7870



136.0230, 41.4007, -119.2922

Sweetspot

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



169.3820, 11.1507, 63.6860



232.0440, 3.4293, 20.1324



155.6470, 42.5720, 18.7266



113.9460, 1.9986, 12.3254



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



169.3820, 11.1507, 63.6860



162.5890, 14.0066, 81.0444



162.9980, -13.3100, 69.2848



112.3860, 1.2887, 6.6775



66.7580, 17.8673, 102.8212



20.2780, 5.2859, 31.3282

Inverse Universe

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



169.3820, 11.1507, 63.6860



162.5890, 14.0066, 81.0444



207.0020, 13.3100, -69.2848



112.3860, 1.2887, 6.6775



66.7580, 17.8673, 102.8212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 169.3820, 11.1507, 63.6860 looks on a white background.

Color Contrast Check

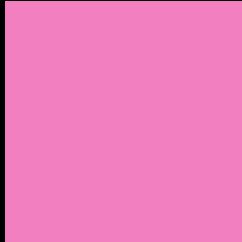
Large Text (above 18pt) WCAG AA × Fail

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 169.3820, 11.1507, 63.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

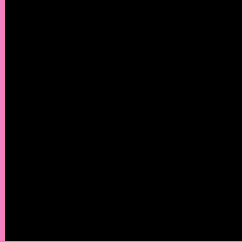
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.3820, 11.1507, 63.6860

Background



This preview shows how black text looks on a background with the YUV color 169.3820, 11.1507, 63.6860.



This preview shows how white text looks on a background with the YUV color 169.3820, 11.1507,

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

169.3820, 11.1507, 63.6860

Protanopia

167.0410, 24.6298, -13.1910

Deuteranopia

168.0250, 8.8617, 4.3631



Tritanopia

168.0400, -10.3727, 60.4779

Trichromacy



Original Color

169.3820, 11.1507, 63.6860



Protanomaly

168.2510, 19.5963, 14.6889



Deuteranomaly

168.6840, 9.5228, 25.7101



Tritanomaly

168.7010, -2.8106, 61.6522

Monochromacy



Original Color

169.3820, 11.1507, 63.6860



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.1800, 3.8553, 23.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.3820, 11.1507, 63.6860 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(242, 128, 192)` looks like.

```
.text, #text, p{  
    color:rgb(242, 128, 192)  
}
```

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(242, 128, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 128, 192) }
```

Border

The CSS property to change the border of an element to YUV 169.3820, 11.1507, 63.6860 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(242, 128, 192) }
```


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

```
.border{ border-color:rgb(242, 128, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 128, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 128, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 128, 192);  
box-shadow:4px 4px 4px 4px rgb(242, 128,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 169.3820, 11.1507, 63.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 128, 192) }
```

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

```
.background{ background-color: rgb(242,  
128, 192) }
```

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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