

Converting Colors

YUV(119.0820, 12.2846,
-20.2429)

Have a look what the booklet for
YUV(119.0820, 12.2846, -20.2429)
contains.

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Color

**YUV(119.0820, 12.2846,
-20.2429)**

Conversions

Conversions Part 1

Format	Color
Hex	607E90
RGB	96, 126, 144
RGB Percent	38%, 49%, 56%
CMY	0.6235, 0.5059, 0.4353
CMYK	0.33, 0.12, 0.00, 0.44
HSL	202°, 20%, 47%
HSV	202°, 33%, 56%
XYZ	17.3188, 19.4221, 29.2216
YIQ	119.0820, -23.6580, -0.7620

Conversions

Conversions Part 2

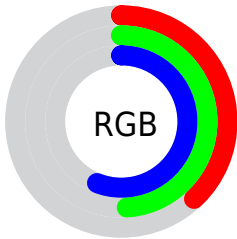
Format	Color
R _Y B	96, 114, 144
Decimal	6323856
CIE Lab	51.18, -6.10, -13.18
CIE LCh	51, 14.524, 245.187
Yxy	19.4221, 0.2626, 0.2944
Android (android.graphics.Color)	4284513936 (0xFF607E90)
YUV	119.0820, 12.2846, -20.2429
Hunter-Lab	44.0705, -6.9768, -8.4637

Details

The YUV color **119.0820, 12.2846, -20.2429** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **120.9180, -12.2846, 20.2429**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8970, 12.8688, -20.9577**, and **69.9680, 11.8478, -20.1429** is the 20% darker color. If you saturate the color by 10%, you get **111.9610, 15.7952, -26.2758**, and if you desaturate by 10%, it is **126.2030, 8.7739, -14.2100**.

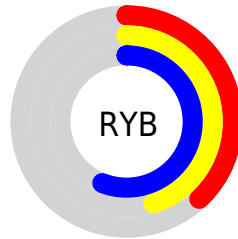
Distribution



Red (38%)

Green (49%)

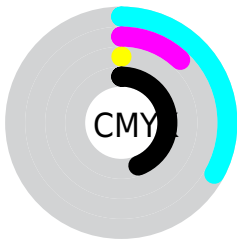
Blue (56%)



Red (38%)

Yellow (45%)

Blue (56%)

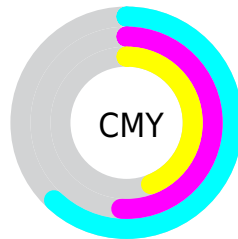


Cyan (33%)

Magenta (12%)

Yellow (0%)

Black (44%)



Cyan (62%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0820, 12.2846, -20.2429 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 119.0820, 12.2846, -20.2429 by changing the saturation by 10% instead.

■ 119.0820, 12.2846,
-20.2429

■ 119.0820, 12.2846,
-20.2429

■ 255.0000, 0.0000,
0.0000

■ 93.9680, 11.8478,
-20.1429

■ 171.8970, 12.8688,
-20.9577

■ 69.9680, 11.8478,
-20.1429

■ 199.0110, 13.3056,
-21.0576

■ 46.5550, 11.5584,
-20.6577

■ 227.0110, 13.3056,
-21.0576

■ 24.8430, 11.4164,
-21.7873

■ 247.8240, 3.5378,
-14.7546

■ 8.9480, 8.8996,
-7.8474

■ 0.0000, 0.0000,
0.0000

■ 119.0820, 12.2846,
-20.2429

■ 119.0820, 12.2846,
-20.2429

■ 111.9610, 15.7952,
-26.2758

■ 126.2030, 8.7739,
-14.2100

■ 103.9540, 19.7427,
-32.4087

■ 134.2100, 4.8265,
-8.0772

■ 96.8330, 23.2533,
-38.4415

■ 141.3310, 1.3158,
-2.0443

■ 88.8260, 27.2008,
-44.5744

■ 149.3380, -2.6316,
4.0886

■ 81.7050, 30.7114,
-50.6073

■ 156.4590, -6.1423,
10.1215

■ 74.5840, 34.2221,
-56.6402


■ 163.5800, -9.6529,
16.1543

■ 69.2460, 36.8537,
-60.7287

■ 171.5870,
-13.6004, 22.2872

■ 178.7080,

-17.1110, 28.3201

 186.7150,
-21.0585, 34.4529

Harmonies

Analogous

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



117.2510, 9.2433, -24.7761



119.0820, 12.2846, -20.2429



121.4470, 12.1046, -9.1620

Triad

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



119.0820, 12.2846, -20.2429



123.9640, -1.9543, 20.2026



120.1600, -9.4459, -3.6483

Complementary

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



119.0820, 12.2846, -20.2429



120.9180, -12.2846, 20.2429

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.



121.2430, -11.9518, 6.8029



119.0820, 12.2846, -20.2429



123.1830, -7.4852, 20.8875

Square

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



119.0820, 12.2846, -20.2429



124.5270, 4.1772, 13.5698



122.8250, -11.2527, 15.9395



118.2880, -3.5930, -14.2846

Rectangle

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



119.0820, 12.2846, -20.2429



122.7470, 10.4777, -0.6551



122.8250, -11.2527, 15.9395



119.9540, -10.3303, 0.0403

Sweetspot

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



119.0820, 12.2846, -20.2429



176.5090, 4.6791, -7.4624



126.2280, -6.0284, -26.5100



88.3630, 2.7790, -4.7034



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



119.0820, 12.2846, -20.2429



147.4380, 19.0111, -31.0791



104.9940, 19.2300, -7.8877



67.7330, 1.6106, -3.2738



64.6980, 34.6589, -56.7401



3.8470, 2.0474, -3.3738

Inverse Universe

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



113.7720, 6.0284, 26.5100



139.3700, 9.1846, 40.8945



135.0060, -19.2300, 7.8877



66.6630, 1.1521, 3.8035



49.9410, 16.7911, 74.5967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 119.0820, 12.2846, -20.2429 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 119.0820, 12.2846, -20.2429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

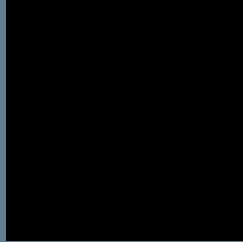
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.0820, 12.2846, -20.2429

Background



This preview shows how black text looks on a background with the YUV color 119.0820, 12.2846, -20.2429.



This preview shows how white text looks on a background with the YUV color 119.0820, 12.2846, -20.2429.

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

119.0820, 12.2846, -20.2429

Protanopia

122.2690, 8.7414, -3.7439

Deuteranopia

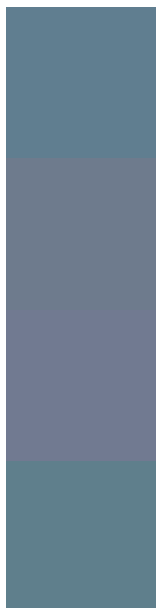
122.9750, 11.3513, -0.8551



Tritanopia

118.2730, 9.2324, -21.2874

Trichromacy



Original Color

119.0820, 12.2846, -20.2429

Protanomaly

121.1650, 9.7787, -9.7917

Deuteranomaly

121.9310, 11.3730, -7.8325

Tritanomaly

118.9140, 10.3954, -20.9726

Monochromacy



Original Color

119.0820, 12.2846, -20.2429

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3950, 4.2423, -7.3624

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0820, 12.2846, -20.2429 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, 126, 144)` looks like.

```
.text, #text, p{  
    color:rgb(96, 126, 144)  
}
```

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, 126, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 126, 144) }
```

Border

The CSS property to change the border of an element to YUV 119.0820, 12.2846, -20.2429 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, 126, 144) }
```


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

```
.border{ border-color:rgb(96, 126, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 126, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 126, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 126, 144);  
box-shadow:4px 4px 4px 4px rgb(96, 126,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 119.0820, 12.2846, -20.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 126, 144) }
```

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

```
.background{ background-color: rgb(96, 126,  
144) }
```

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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