

Converting Colors

YUV(122.1620, 17.6681,
-20.3131)

Have a look what the booklet for
YUV(122.1620, 17.6681, -20.3131)
contains.

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Color

**YUV(122.1620, 17.6681,
-20.3131)**

Conversions

Conversions Part 1

Format	Color
Hex	637F9E
RGB	99, 127, 158
RGB Percent	39%, 50%, 62%
CMY	0.6118, 0.5020, 0.3804
CMYK	0.37, 0.20, 0.00, 0.38
HSL	212°, 23%, 50%
HSV	212°, 37%, 62%
XYZ	18.9065, 20.3000, 35.2696
YIQ	122.1620, -26.6390, 3.7050

Conversions

Conversions Part 2

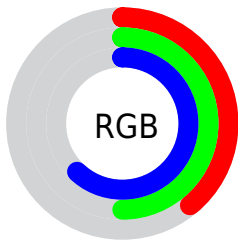
Format	Color
R_{YB}	99, 118, 158
Decimal	6520734
CIE _{Lab}	52.17, -1.98, -19.81
CIE _{LCh}	52, 19.911, 264.283
Yxy	20.3000, 0.2539, 0.2726
Android (android.graphics.Color)	4284710814 (0xFF637F9E)
YUV	122.1620, 17.6681, -20.3131
Hunter-Lab	45.0555, -3.9438, -14.8735

Details

The YUV color $122.1620, 17.6681, -20.3131$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $134.8380, -17.6681, 20.3131$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.3900, 18.5417, -20.5130$, and $72.6350, 16.9419, -20.7279$ is the 20% darker color. If you saturate the color by 10%, you get $112.6820, 22.3418, -26.0311$, and if you desaturate by 10%, it is $131.6420, 12.9945, -14.5950$.

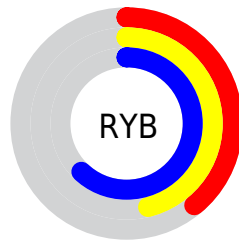
Distribution



Red (39%)

Green (50%)

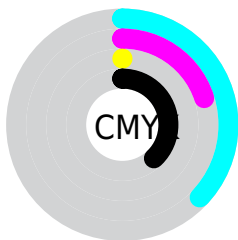
Blue (62%)



Red (39%)

Yellow (46%)

Blue (62%)

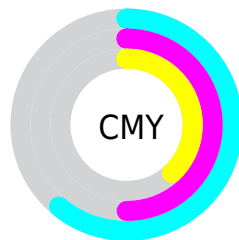


Cyan (37%)

Magenta (20%)

Yellow (0%)

Black (38%)



Cyan (61%)

Magenta (50%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1620, 17.6681, -20.3131 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 122.1620, 17.6681, -20.3131 by changing the saturation by 10% instead.

■ 122.1620, 17.6681,
-20.3131

■ 122.1620, 17.6681,
-20.3131

■ 255.0000, 0.0000,
0.0000

■ 97.0480, 17.2313,
-20.2131

■ 175.3900, 18.5417,
-20.5130

■ 72.6350, 16.9419,
-20.7279

■ 202.5040, 18.9785,
-20.6130

■ 48.5100, 16.5106,
-22.3723

■ 228.9080, 12.8634,
-19.2133

■ 26.6840, 15.9318,
-23.4019

■ 249.3190, 2.8007,
-11.6808

■ 11.2620, 12.6888,
-9.8768

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 122.1620, 17.6681,
-20.3131

■ 122.1620, 17.6681,
-20.3131

■ 112.6820, 22.3418,
-26.0311

■ 131.6420, 12.9945,
-14.5950

■ 102.6150, 27.3048,
-31.2344

■ 141.7090, 8.0315,
-9.3918

■ 93.4340, 31.8310,
-36.3376

■ 150.8900, 3.5052,
-4.2885

■ 83.9540, 36.5047,
-42.0557

■ 160.3700, -1.1684,
1.4295

■ 73.8870, 41.4677,
-47.2589

■ 170.4370, -6.1314,
6.6328

■ 64.4070, 46.1413,
-52.9769

■ 179.9170,
-10.8051, 12.3508

■ 62.0370, 47.3098,
-54.4064

■ 189.3970,
-15.4787, 18.0688

■ 198.5780,
-20.0050, 23.1721

■ 208.6450,
-24.9680, 28.3753

Harmonies

Analogous

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



118.1450, 16.6905, -33.4532



122.1620, 17.6681, -20.3131



125.4740, 14.5563, -2.1697

Triad

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



122.1620, 17.6681, -20.3131



126.5260, -7.6543, 28.4797



120.1370, -7.9555, -15.0291

Complementary

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



122.1620, 17.6681, -20.3131



134.8380, -17.6681, 20.3131

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.



122.2160, -14.4035, -0.1894



122.1620, 17.6681, -20.3131



125.4840, -14.0426, 24.1315

Square

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



122.1620, 17.6681, -20.3131



126.9800, 0.5029, 25.4505



123.8480, -16.1941, 14.1653



117.7530, 1.1078, -28.7244

Rectangle

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



122.1620, 17.6681, -20.3131



126.6280, 11.0294, 9.0962



123.8480, -16.1941, 14.1653



120.8880, -10.2978, -10.4258

Sweetspot

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



122.1620, 17.6681, -20.3131



193.0790, 6.8631, -7.9623



137.0530, -3.9701, -33.3725



96.1180, 4.3788, -4.4885



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



122.1620, 17.6681, -20.3131



150.4300, 27.8890, -31.9491



106.0250, 25.6237, -5.2839



74.2600, 2.3368, -2.8590



56.2180, 42.7835, -49.3032



5.8190, 4.5262, -5.1033

Inverse Universe

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



119.8330, 3.5333, 33.4725



146.8230, 5.5103, 52.7752



150.9750, -25.6237, 5.2839



73.8480, 0.5679, 4.5183



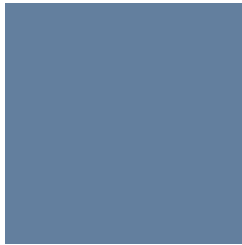
50.5090, 8.6231, 81.1146



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 122.1620, 17.6681, -20.3131 looks on a white background.

Color Contrast Check

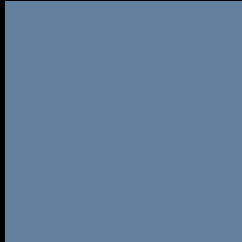
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.1620, 17.6681, -20.3131 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

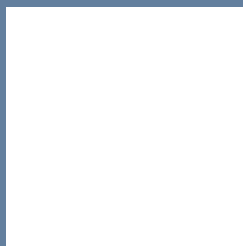
Any Text WCAG AAA × Fail

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

YUV 122.1620, 17.6681, -20.3131 Background



This preview shows how black text looks on a background with the YUV color 122.1620, 17.6681, -20.3131.



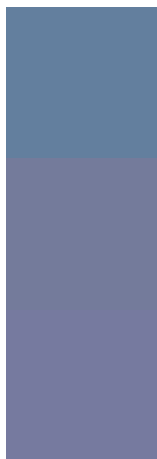
This preview shows how white text looks on a background with the YUV color 122.1620, 17.6681, -20.3131.

-20.3131.

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

122.1620, 17.6681, -20.3131

Protanopia

124.5550, 15.0094, -7.5027

Deuteranopia

125.0220, 16.7512, -6.1583



Tritanopia

120.7890, 9.9640, -22.6170

Trichromacy



Original Color

122.1620, 17.6681, -20.3131

Protanomaly

123.4620, 16.0412, -11.8062

Deuteranomaly

124.1030, 17.2042, -11.4913

Tritanomaly

121.1850, 12.7268, -22.0872

Monochromacy



Original Color

122.1620, 17.6681, -20.3131

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.2640, 6.2788, -7.2475

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1620, 17.6681, -20.3131 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(99, 127, 158)` looks like.

```
.text, #text, p{  
    color:rgb(99, 127, 158)  
}
```

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(99, 127, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 127, 158) }
```

Border

The CSS property to change the border of an element to YUV 122.1620, 17.6681, -20.3131 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(99, 127, 158) }
```


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

```
.border{ border-color:rgb(99, 127, 158) }
```

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

Here you see how a box with a 4 pixel rgb(99, 127, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 127, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 127, 158);  
box-shadow:4px 4px 4px 4px rgb(99, 127,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 122.1620, 17.6681, -20.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 127, 158) }
```

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

```
.background{ background-color: rgb(99, 127,  
158) }
```

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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