

Converting Colors

YUV(120.7820, 27.2225,
-51.5518)

Have a look what the booklet for
YUV(120.7820, 27.2225, -51.5518)
contains.

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Color

**YUV(120.7820, 27.2225,
-51.5518)**

Conversions

Conversions Part 1

Format	Color
Hex	3E8CB0
RGB	62, 140, 176
RGB Percent	24%, 55%, 69%
CMY	0.7569, 0.4510, 0.3098
CMYK	0.65, 0.20, 0.00, 0.31
HSL	199°, 48%, 47%
HSV	199°, 65%, 69%
XYZ	19.2012, 22.9149, 44.4853
YIQ	120.7820, -58.0440, -5.3400

Conversions

Conversions Part 2

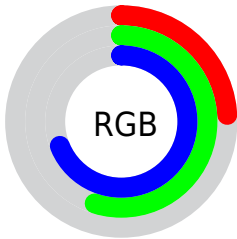
Format	Color
R _Y B	62, 108, 176
Decimal	4099248
CIE Lab	54.98, -12.59, -26.02
CIE LCh	55, 28.902, 244.185
Yxy	22.9149, 0.2217, 0.2646
Android (android.graphics.Color)	4282289328 (0xFF3E8CB0)
YUV	120.7820, 27.2225, -51.5518
Hunter-Lab	47.8695, -12.1726, -21.5898

Details

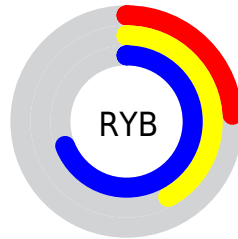
The YUV color **120.7820, 27.2225, -51.5518** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **117.2180, -27.2225, 51.5518**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5050, 27.3590, -48.6779**, and **66.8520, 27.6810, -58.6292** is the 20% darker color. If you saturate the color by 10%, you get **111.8780, 31.6121, -59.5290**, and if you desaturate by 10%, it is **129.6860, 22.8328, -43.5746**.

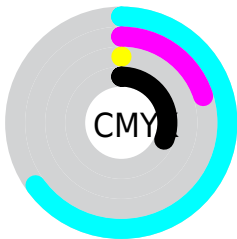
Distribution



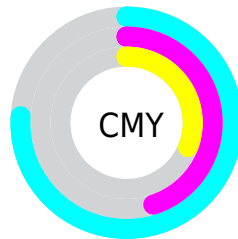
- Red (24%)
- Green (55%)
- Blue (69%)



- Red (24%)
- Yellow (42%)
- Blue (69%)



- Cyan (65%)
- Magenta (20%)
- Yellow (0%)
- Black (31%)



- Cyan (76%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7820, 27.2225, -51.5518 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 120.7820, 27.2225, -51.5518 by changing the saturation by 10% instead.

■ 120.7820, 27.2225,
-51.5518

■ 120.7820, 27.2225,
-51.5518

■ 255.0000, 0.0000,
0.0000

■ 91.3790, 28.4072,
-58.2144

■ 176.5050, 27.3590,
-48.6779

■ 66.8520, 27.6810,
-58.6292

■ 203.6470, 25.3170,
-47.0484

■ 49.9140, 23.7064,
-43.7746

■ 229.0420, 12.7973,
-44.7638

■ 34.2640, 19.5898,
-30.0495

■ 240.6480, 7.0755,
-29.5093

■ 20.4890, 15.0419,
-17.9689

■ 249.6180, 2.6533,
-11.0660

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 120.7820, 27.2225,
-51.5518

■ 120.7820, 27.2225,
-51.5518

■ 111.8780, 31.6121,
-59.5290

■ 129.6860, 22.8328,
-43.5746

■ 103.8600, 35.5650,
-67.4062

■ 137.7040, 18.8799,
-35.6974

■ 94.9560, 39.9547,
-75.3834

■ 146.6080, 14.4903,
-27.7202

■ 90.5040, 42.1495,
-79.3720

■ 154.6260, 10.5374,
-19.8430

■ 163.5300, 6.1477,
-11.8658

■ 171.8470, 2.0474,
-3.3738

■ 180.4520, -2.1948,
3.9886

■ 188.7690, -6.2951,
12.4806

■ 197.3740,
-10.5374, 19.8430

Harmonies

Analogous

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



114.3150, 22.0297, -66.0513



120.7820, 27.2225, -51.5518



129.2030, 25.5359, -23.8570

Triad

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



120.7820, 27.2225, -51.5518



134.2700, -2.5981, 40.1052



126.4340, -18.4550, -7.3966

Complementary

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



120.7820, 27.2225, -51.5518



117.2180, -27.2225, 51.5518

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.



129.4860, -23.9036, 13.6058



120.7820, 27.2225, -51.5518



132.9960, -13.8020, 40.3455

Square

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



120.7820, 27.2225, -51.5518



135.2820, 9.2280, 26.9397



131.7530, -22.0632, 30.0346



122.6790, -6.7437, -30.4135

Rectangle

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



120.7820, 27.2225, -51.5518



132.9990, 21.6925, -4.3841



131.7530, -22.0632, 30.0346



127.7940, -21.0974, 0.1807

Sweetspot

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



120.7820, 27.2225, -51.5518



208.6260, 10.5374, -19.8430



132.7940, -18.1394, -62.0863



101.6440, 6.5845, -11.9658



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



120.7820, 27.2225, -51.5518



142.7210, 43.0285, -81.3163



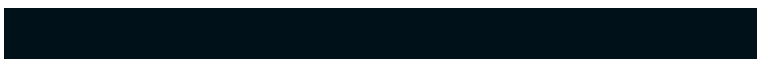
88.4970, 43.1390, -23.2379



84.5480, 2.1948, -3.9886



79.0770, 36.4440, -69.3505



12.9430, 6.4371, -11.3510

Inverse Universe

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



104.9780, 17.2658, 62.2863



117.8420, 27.1929, 98.3626



149.5030, -43.1390, 23.2379



83.3750, 1.2941, 4.9331



57.7170, 23.3105, 83.5632



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 120.7820, 27.2225, -51.5518 looks on a white background.

Color Contrast Check

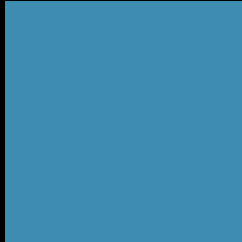
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.7820, 27.2225, -51.5518 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 120.7820, 27.2225, -51.5518

Background



This preview shows how black text looks on a background with the YUV color 120.7820, 27.2225, -51.5518.



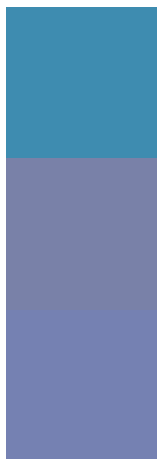
This preview shows how white text looks on a background with the YUV color 120.7820, 27.2225, -51.5518.

-51.5518.

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

120.7820, 27.2225, -51.5518

Protanopia

131.0540, 18.2144, -8.8174

Deuteranopia

130.9980, 23.1720, -12.2762



Tritanopia

117.4470, 18.5136, -58.2740

Trichromacy



Original Color

120.7820, 27.2225, -51.5518

Protanomaly

127.4650, 21.4628, -24.0868

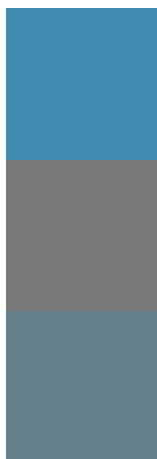
Deuteranomaly

127.2520, 24.5258, -26.5310

Tritanomaly

118.9680, 21.7078, -56.0999

Monochromacy



Original Color

120.7820, 27.2225, -51.5518

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1100, 9.8058, -18.5135

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7820, 27.2225, -51.5518 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(62, 140, 176)` looks like.

```
.text, #text, p{  
    color:rgb(62, 140, 176)  
}
```

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(62, 140, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 140, 176) }
```

Border

The CSS property to change the border of an element to YUV 120.7820, 27.2225, -51.5518 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(62, 140, 176) }
```


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

```
.border{ border-color:rgb(62, 140, 176) }
```

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

Here you see how a box with a 4 pixel rgb(62, 140, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 140, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 140, 176);  
box-shadow:4px 4px 4px 4px rgb(62, 140,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 120.7820, 27.2225, -51.5518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 140, 176) }
```

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

```
.background{ background-color: rgb(62, 140,  
176) }
```

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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