

Converting Colors

YUV(122.3580, 26.9385,
-53.8110)

Have a look what the booklet for
YUV(122.3580, 26.9385, -53.8110)
contains.

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Color

**YUV(122.3580, 26.9385,
-53.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	3D8FB1
RGB	61, 143, 177
RGB Percent	24%, 56%, 69%
CMY	0.7608, 0.4392, 0.3059
CMYK	0.66, 0.19, 0.00, 0.31
HSL	198°, 49%, 47%
HSV	198°, 66%, 69%
XYZ	19.6827, 23.8113, 45.1536
YIQ	122.3580, -59.7860, -6.8100

Conversions

Conversions Part 2

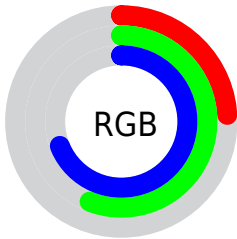
Format	Color
RYB	61, 109, 177
Decimal	4034481
CIELab	55.90, -14.09, -25.18
CIELCh	56, 28.857, 240.767
Yxy	23.8113, 0.2220, 0.2686
Android (android.graphics.Color)	4282224561 (0xFF3D8FB1)
YUV	122.3580, 26.9385, -53.8110
Hunter-Lab	48.7969, -13.3946, -20.7055

Details

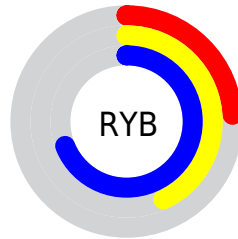
The YUV color **122.3580, 26.9385, -53.8110** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **115.6420, -26.9385, 53.8110**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.0810, 27.0751, -50.9370**, and **68.7270, 27.2496, -60.2736** is the 20% darker color. If you saturate the color by 10%, you get **114.0410, 31.0388, -62.3030**, and if you desaturate by 10%, it is **130.6750, 22.8382, -45.3190**.

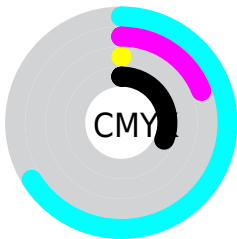
Distribution



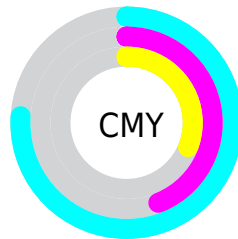
- Red (24%)
- Green (56%)
- Blue (69%)



- Red (24%)
- Yellow (43%)
- Blue (69%)



- Cyan (66%)
- Magenta (19%)
- Yellow (0%)
- Black (31%)



- Cyan (76%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.3580, 26.9385, -53.8110 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 122.3580, 26.9385, -53.8110 by changing the saturation by 10% instead.

■ 122.3580, 26.9385,
-53.8110

■ 122.3580, 26.9385,
-53.8110

■ 255.0000, 0.0000,
0.0000

■ 92.6560, 28.2706,
-61.0883

■ 178.0810, 27.0751,
-50.9370

■ 68.7270, 27.2496,
-60.2736

■ 205.6960, 24.3069,
-49.7224

■ 51.7890, 23.2750,
-45.4190

■ 230.8030, 11.9291,
-46.3082

■ 36.1390, 19.1585,
-31.6939

■ 240.6480, 7.0755,
-29.5093

■ 21.7770, 14.8999,
-19.0984

■ 249.6180, 2.6533,
-11.0660

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 122.3580, 26.9385,
-53.8110

■ 122.3580, 26.9385,
-53.8110

■ 114.0410, 31.0388,
-62.3030

■ 130.6750, 22.8382,
-45.3190

■ 106.0230, 34.9917,
-70.1802

■ 138.6930, 18.8854,
-37.4418

■ 97.1190, 39.3813,
-78.1574

■ 147.5970, 14.4957,
-29.4646

■ 93.5530, 41.1394,
-82.0460

■ 155.9140, 10.3954,
-20.9726

■ 164.2310, 6.2951,
-12.4806

■ 172.2490, 2.3422,
-4.6034

■ 180.5660, -1.7580,
3.8886

■ 189.4700, -6.1477,
11.8658

■ 197.4880,
-10.1006, 19.7430

Harmonies

Analogous

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



117.2720, 20.5719, -65.1365



122.3580, 26.9385, -53.8110



130.7080, 26.2730, -26.9309

Triad

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



122.3580, 26.9385, -53.8110



136.9000, -1.4297, 38.6757



129.5160, -19.4814, -4.8375

Complementary

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



122.3580, 26.9385, -53.8110



115.6420, -26.9385, 53.8110

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.



132.4970, -23.9090, 15.3501



122.3580, 26.9385, -53.8110



135.6370, -12.6390, 40.6604

Square

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



122.3580, 26.9385, -53.8110



137.6130, 10.5438, 24.8954



134.2910, -21.3425, 32.1938



125.6470, -8.2070, -27.7544

Rectangle

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



122.3580, 26.9385, -53.8110



134.6180, 22.8663, -7.5580



134.2910, -21.3425, 32.1938



130.5770, -21.9765, 2.1250

Sweetspot

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



122.3580, 26.9385, -53.8110



208.0280, 10.8322, -21.0726



132.8540, -19.1550, -63.0160



101.9320, 6.4425, -13.0954



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.



122.3580, 26.9385, -53.8110



143.8840, 42.4552, -84.0903



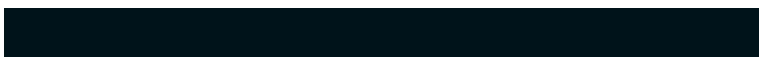
88.8990, 43.4338, -24.4674



85.1350, 1.9054, -4.5034



80.8380, 35.5759, -70.8949



13.5300, 6.1477, -11.8658

Inverse Universe

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



105.0320, 18.7182, 63.1159



117.0100, 29.0821, 99.0922



149.1010, -43.4338, 24.4674



83.4890, 1.7309, 4.8331



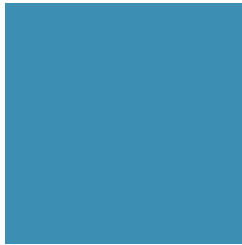
58.0590, 24.6209, 83.2633



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 122.3580, 26.9385, -53.8110 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 122.3580, 26.9385, -53.8110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

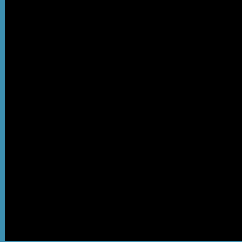
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.3580, 26.9385, -53.8110

Background



This preview shows how black text looks on a background with the YUV color 122.3580, 26.9385, -53.8110.

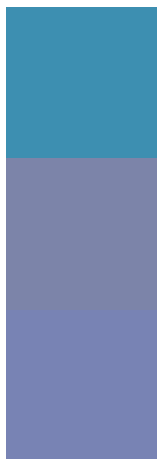


This preview shows how white text looks on a background with the YUV color 122.3580, 26.9385, -53.8110.

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

122.3580, 26.9385, -53.8110

Protanopia

133.8260, 17.3408, -8.6174

Deuteranopia

133.2970, 23.0246, -11.6615



Tritanopia

118.9630, 19.2452, -59.6036

Trichromacy



Original Color

122.3580, 26.9385, -53.8110

Protanomaly

129.6390, 20.8840, -25.1164

Deuteranomaly

129.2520, 24.5258, -26.5310

Tritanomaly

120.3700, 22.0026, -57.3295

Monochromacy



Original Color

122.3580, 26.9385, -53.8110

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.3980, 9.6638, -19.6430

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.3580, 26.9385, -53.8110 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(61, 143, 177)` looks like.

```
.text, #text, p{  
    color:rgb(61, 143, 177)  
}
```

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(61, 143, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 143, 177) }
```

Border

The CSS property to change the border of an element to YUV 122.3580, 26.9385, -53.8110 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(61, 143, 177) }
```


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

```
.border{ border-color:rgb(61, 143, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 143, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 143, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 143, 177);  
box-shadow:4px 4px 4px 4px rgb(61, 143,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 122.3580, 26.9385, -53.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 143, 177) }
```

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

```
.background{ background-color: rgb(61, 143,  
177) }
```

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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