

Converting Colors

YUV(123.9180, 10.8864,
-38.5161)

Have a look what the booklet for
YUV(123.9180, 10.8864, -38.5161)
contains.

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Color

**YUV(123.9180, 10.8864,
-38.5161)**

Conversions

Conversions Part 1

Format	Color
Hex	508E92
RGB	80, 142, 146
RGB Percent	31%, 56%, 57%
CMY	0.6863, 0.4431, 0.4275
CMYK	0.45, 0.03, 0.00, 0.43
HSL	184°, 29%, 44%
HSV	184°, 45%, 57%
XYZ	18.1696, 23.1268, 30.7004
YIQ	123.9180, -38.2360, -11.9000

Conversions

Conversions Part 2

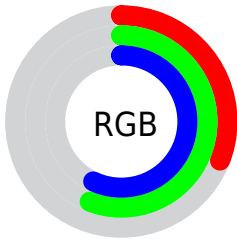
Format	Color
R _Y B	80, 112, 146
Decimal	5279378
CIE Lab	55.20, -18.88, -8.38
CIE LCh	55, 20.655, 203.946
Yxy	23.1268, 0.2524, 0.3212
Android (android.graphics.Color)	4283469458 (0xFF508E92)
YUV	123.9180, 10.8864, -38.5161
Hunter-Lab	48.0903, -16.7169, -4.1869

Details

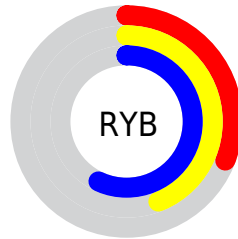
The YUV color **123.9180, 10.8864, -38.5161** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **102.0820, -10.8864, 38.5161**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6190, 11.0338, -39.1309**, and **72.1240, 11.7709, -42.2047** is the 20% darker color. If you saturate the color by 10%, you get **118.8460, 13.3869, -47.2229**, and if you desaturate by 10%, it is **128.9900, 8.3859, -29.8092**.

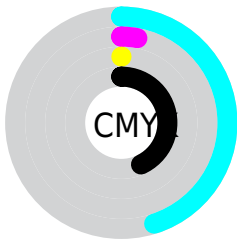
Distribution



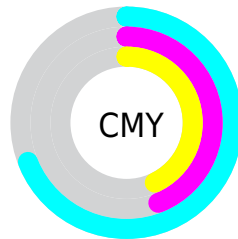
- Red (31%)
- Green (56%)
- Blue (57%)



- Red (31%)
- Yellow (44%)
- Blue (57%)



- Cyan (45%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (69%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9180, 10.8864, -38.5161 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 123.9180, 10.8864, -38.5161 by changing the saturation by 10% instead.

■ 123.9180, 10.8864,
-38.5161

■ 123.9180, 10.8864,
-38.5161

■ 255.0000, 0.0000,
0.0000

■ 97.6190, 11.0338,
-39.1309

■ 177.6190, 11.0338,
-39.1309

■ 72.1240, 11.7709,
-42.2047

■ 205.6190, 11.0338,
-39.1309

■ 48.1240, 11.7709,
-42.2047

■ 234.0920, 10.3076,
-39.5457

■ 32.0010, 8.3805,
-28.0649

■ 243.6380, 5.6015,
-23.3615

■ 18.4540, 4.7062,
-16.1842

■ 252.3090, 1.3267,
-5.5330

■ 0.0000, 0.0000,
0.0000

■ 123.9180, 10.8864,
-38.5161

■ 123.9180, 10.8864,
-38.5161

■ 118.8460, 13.3869,
-47.2229

■ 128.9900, 8.3859,
-29.8092

■ 114.0730, 15.7400,
-55.3150

■ 133.7630, 6.0328,
-21.7172

■ 109.0010, 18.2405,
-64.0219

■ 138.8350, 3.5323,
-13.0103

■ 104.2280, 20.5936,
-72.1140

■ 143.6080, 1.1793,
-4.9182

■ 99.7430, 22.8047,
-81.3356

■ 148.0930, -1.0318,
4.3034

■ 97.0630, 24.1259,
-85.1243

■ 153.1650, -3.5323,
13.0103

■ 157.9380, -5.8854,
21.1024

■ 163.0100, -8.3859,

29.8092

 167.7830,
-10.7390, 37.9013

Harmonies

Analogous

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



125.1550, 1.4026, -29.9539



123.9180, 10.8864, -38.5161



125.8350, 16.8433, -35.8123

Triad

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



123.9180, 10.8864, -38.5161



135.0910, 8.8291, 14.8292



131.9190, -17.2151, 14.9800

Complementary

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



123.9180, 10.8864, -38.5161



102.0820, -10.8864, 38.5161

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.



133.3810, -14.4848, 25.9759



123.9180, 10.8864, -38.5161



135.3930, 0.7923, 25.9653

Square

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



123.9180, 10.8864, -38.5161



133.4030, 15.5773, -2.9844



134.4230, -8.0965, 30.3240



129.4010, -14.9877, 0.5253

Rectangle

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



123.9180, 10.8864, -38.5161



128.6450, 18.4160, -26.8757



134.4230, -8.0965, 30.3240



132.3540, -16.9365, 18.9835

Sweetspot

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



123.9180, 10.8864, -38.5161



179.7530, 4.5588, -15.5694



119.0840, -17.7894, -34.2767



88.6290, 2.6479, -9.3216



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.



123.9180, 10.8864, -38.5161



154.9800, 16.7719, -59.6185



105.1340, 20.1469, -22.0425



71.9070, 1.0318, -4.3034



91.4550, 22.9467, -80.2060



7.0100, 1.4741, -6.1478

Inverse Universe

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



106.8020, 17.3526, 34.3766



128.4420, 26.8971, 53.1094



120.8660, -20.1469, 22.0425



69.8910, 2.0257, 3.6036



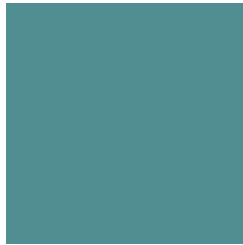
55.9680, 36.0048, 71.9421



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 123.9180, 10.8864, -38.5161 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 123.9180, 10.8864, -38.5161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

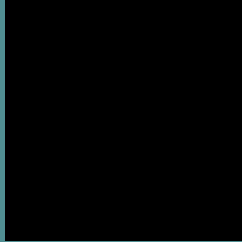
Any Text WCAG AA ✓ Pass

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 123.9180, 10.8864, -38.5161 Background



This preview shows how black text looks on a background with the YUV color 123.9180, 10.8864, -38.5161.



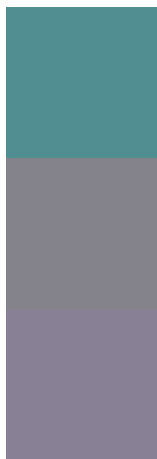
This preview shows how white text looks on a background with the YUV color 123.9180, 10.8864, -38.5161.

-38.5161.

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

123.9180, 10.8864, -38.5161

Protanopia

132.2110, 3.3470, -0.1850

Deuteranopia

132.7860, 7.9935, 2.8187



Tritanopia

124.6130, 13.5018, -37.3716

Trichromacy



Original Color

123.9180, 10.8864, -38.5161

Protanomaly

129.2200, 6.3005, -14.2249

Deuteranomaly

129.6270, 9.0579, -11.9509

Tritanomaly

124.0860, 12.7756, -37.7864

Monochromacy



Original Color

123.9180, 10.8864, -38.5161

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.2370, 3.8272, -14.2398

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9180, 10.8864, -38.5161 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(80, 142, 146)` looks like.

```
.text, #text, p{  
    color:rgb(80, 142, 146)  
}
```

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(80, 142, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 142, 146) }
```

Border

The CSS property to change the border of an element to YUV 123.9180, 10.8864, -38.5161 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(80, 142, 146) }
```


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

```
.border{ border-color:rgb(80, 142, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 142, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 142, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 142, 146);  
box-shadow:4px 4px 4px 4px rgb(80, 142,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 123.9180, 10.8864, -38.5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 142, 146) }
```

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

```
.background{ background-color: rgb(80, 142,  
146) }
```

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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