

Converting Colors

YUV(103.1680, 18.6512,
-8.9173)

Have a look what the booklet for
YUV(103.1680, 18.6512, -8.9173)
contains.

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Color

**YUV(103.1680, 18.6512,
-8.9173)**

Conversions

Conversions Part 1

Format	Color
Hex	5D658D
RGB	93, 101, 141
RGB Percent	36%, 40%, 55%
CMY	0.6353, 0.6039, 0.4471
CMYK	0.34, 0.28, 0.00, 0.45
HSL	230°, 21%, 46%
HSV	230°, 34%, 55%
XYZ	13.9756, 13.5576, 27.0796
YIQ	103.1680, -17.6080, 10.7440

Conversions

Conversions Part 2

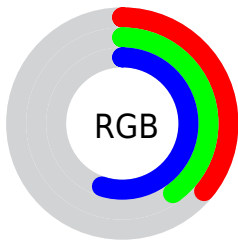
Format	Color
R_{YB}	93, 100, 141
Decimal	6120845
CIE Lab	43.59, 7.04, -23.03
CIE LCh	44, 24.083, 287.007
Yxy	13.5576, 0.2559, 0.2482
Android (android.graphics.Color)	4284310925 (0xFF5D658D)
YUV	103.1680, 18.6512, -8.9173
Hunter-Lab	36.8207, 3.3151, -17.8301

Details

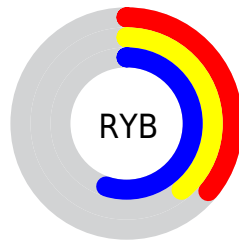
The YUV color **103.1680, 18.6512, -8.9173** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **130.8320, -18.6512, 8.9173**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8090, 19.8142, -8.6025**, and **55.2280, 17.6356, -9.8470** is the 20% darker color. If you saturate the color by 10%, you get **91.9380, 24.1876, -11.3466**, and if you desaturate by 10%, it is **114.3980, 13.1148, -6.4880**.

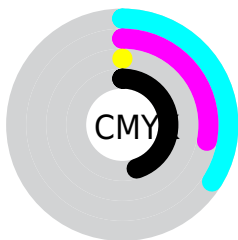
Distribution



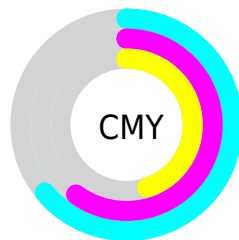
- Red (36%)
- Green (40%)
- Blue (55%)



- Red (36%)
- Yellow (39%)
- Blue (55%)



- Cyan (34%)
- Magenta (28%)
- Yellow (0%)
- Black (45%)



- Cyan (64%)
- Magenta (60%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1680, 18.6512, -8.9173 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 103.1680, 18.6512, -8.9173 by changing the saturation by 10% instead.

■ 103.1680, 18.6512,
-8.9173

■ 103.1680, 18.6512,
-8.9173

255.0000, 0.0000,
0.0000

■ 78.6410, 17.9250,
-9.3322

■ 154.8090, 19.8142,
-8.6025

■ 55.2280, 17.6356,
-9.8470

■ 181.3360, 20.5404,
-8.1877

■ 32.9890, 16.7674,
-11.3914

■ 209.0370, 20.6878,
-8.8024

■ 11.0000, 16.7620,
-9.6470

■ 234.6000, 10.0572,
-5.7882

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 103.1680, 18.6512,
-8.9173

■ 103.1680, 18.6512,
-8.9173

■ 91.9380, 24.1876,
-11.3466

■ 114.3980, 13.1148,
-6.4880

■ 81.2950, 29.4346,
-14.2907

■ 125.6280, 7.5784,
-4.0588

■ 70.0650, 34.9710,
-16.7200

■ 136.2710, 2.3314,
-1.1147

■ 58.8350, 40.5073,
-19.1493

■ 147.5010, -3.2050,
1.3146

■ 47.3060, 46.1911,
-22.1934

■ 159.0300, -8.8888,
4.3587

■ 36.6630, 51.4381,
-25.1375


■ 169.6730,
-14.1358, 7.3028

■ 30.1620, 54.6431,
-26.4521

■ 180.9030,
-19.6722, 9.7321

■ 192.1330,

-25.2086, 12.1614

 203.3630,
-30.7450, 14.5906

Harmonies

Analogous

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



97.7090, 21.3425, -32.1938



103.1680, 18.6512, -8.9173



105.8780, 11.8921, 12.3850

Triad

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



103.1680, 18.6512, -8.9173



103.8160, -14.2063, 29.9794



94.2750, -0.6286, -31.8132

Complementary

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



103.1680, 18.6512, -8.9173



130.8320, -18.6512, 8.9173

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.



97.6380, -11.1605, -13.7145



103.1680, 18.6512, -8.9173



102.4850, -18.9731, 18.8687

Square

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



103.1680, 18.6512, -8.9173



104.6020, -6.2128, 32.7980



100.3260, -17.9087, 4.0991



90.3790, 11.6452, -48.5674

Rectangle

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



103.1680, 18.6512, -8.9173



105.8640, 6.4760, 22.9213



100.3260, -17.9087, 4.0991



95.9830, -4.4286, -26.2951

Sweetspot

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



103.1680, 18.6512, -8.9173



168.9270, 7.4310, -3.4440



125.7360, 3.5812, -28.7095



83.4280, 4.2260, -2.1294



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



103.1680, 18.6512, -8.9173



124.2950, 29.4346, -14.2907



103.2560, 18.6078, 5.0375



65.3850, 2.7682, -1.2146



28.8910, 52.3117, -25.3374



1.4990, 3.2050, -1.3146

Inverse Universe

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



108.2640, -3.5812, 28.7095



132.2060, -5.5246, 45.4233



130.7440, -18.6078, -5.0375



66.2070, -0.5951, 4.2035



42.9870, -9.8536, 80.6954



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 103.1680, 18.6512, -8.9173 looks on a white 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

Black Background



This preview shows how the YUV color 103.1680, 18.6512, -8.9173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

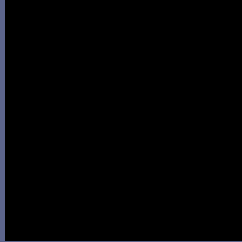
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1680, 18.6512, -8.9173

Background



This preview shows how black text looks on a background with the YUV color 103.1680, 18.6512, -8.9173.



This preview shows how white text looks on a background with the YUV color 103.1680, 18.6512, -8.9173.

-8.9173.

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

103.1680, 18.6512, -8.9173

Protanopia

102.5700, 18.9460, -10.1469

Deuteranopia

103.1570, 18.6566, -10.6617



Tritanopia

101.3450, 6.7319, -12.5806

Trichromacy



Original Color

103.1680, 18.6512, -8.9173

Protanomaly

102.8690, 18.7986, -9.5321

Deuteranomaly

103.4560, 18.5092, -10.0469

Tritanomaly

101.7950, 10.9471, -11.2212

Monochromacy



Original Color

103.1680, 18.6512, -8.9173

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.8130, 6.9942, -3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1680, 18.6512, -8.9173 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(93, 101, 141)` looks like.

```
.text, #text, p{  
    color:rgb(93, 101, 141)  
}
```

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(93, 101, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 101, 141) }
```

Border

The CSS property to change the border of an element to YUV 103.1680, 18.6512, -8.9173 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(93, 101, 141) }
```


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

```
.border{ border-color:rgb(93, 101, 141) }
```

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

Here you see how a box with a 4 pixel rgb(93, 101, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 101, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 101, 141);  
box-shadow:4px 4px 4px 4px rgb(93, 101,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 103.1680, 18.6512, -8.9173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 101, 141) }
```

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

```
.background{ background-color: rgb(93, 101,  
141) }
```

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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