

Converting Colors

YUV(155.1680, 18.6512,
-8.9173)

Have a look what the booklet for
YUV(155.1680, 18.6512, -8.9173)
contains.

YUV(155.1680, 18.6512, -8.9173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(155.1680, 18.6512,
-8.9173)**

Conversions

Conversions Part 1

Format	Color
Hex	9199C1
RGB	145, 153, 193
RGB Percent	57%, 60%, 76%
CMY	0.4314, 0.4000, 0.2431
CMYK	0.25, 0.21, 0.00, 0.24
HSL	230°, 28%, 66%
HSV	230°, 25%, 76%
XYZ	32.6939, 32.6525, 55.0315
YIQ	155.1680, -17.6080, 10.7440

Conversions

Conversions Part 2

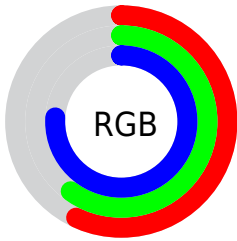
Format	Color
R_{YB}	145, 152, 193
Decimal	9542081
CIE _{Lab}	63.88, 6.03, -21.59
CIE _{LCh}	64, 22.416, 285.600
Yxy	32.6525, 0.2716, 0.2712
Android (android.graphics.Color)	4287732161 (0xFF9199C1)
YUV	155.1680, 18.6512, -8.9173
Hunter-Lab	57.1423, 2.1295, -17.1002

Details

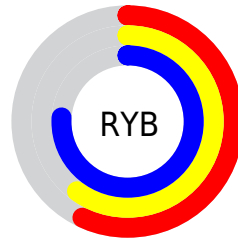
The YUV color **155.1680, 18.6512, -8.9173** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **182.8320, -18.6512, 8.9173**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8090, 19.8142, -8.6025**, and **103.5270, 17.4882, -9.2322** is the 20% darker color. If you saturate the color by 10%, you get **140.0950, 26.0822, -12.3613**, and if you desaturate by 10%, it is **170.2410, 11.2202, -5.4734**.

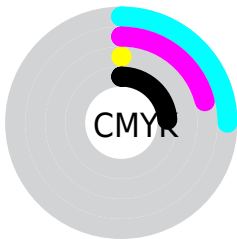
Distribution



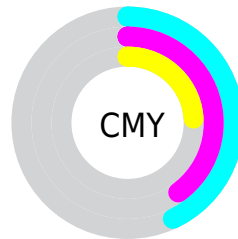
- Red (57%)
- Green (60%)
- Blue (76%)



- Red (57%)
- Yellow (60%)
- Blue (76%)



- Cyan (25%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)



- Cyan (43%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.1680, 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 155.1680, 18.6512, -8.9173 by changing the saturation by 10% instead.

■ 155.1680, 18.6512,
-8.9173

■ 155.1680, 18.6512,
-8.9173

255.0000, 0.0000,
0.0000

■ 129.0540, 18.2144,
-8.8174

■ 209.8090, 19.8142,
-8.6025

■ 103.5270, 17.4882,
-9.2322

■ 235.1870, 9.7678,
-6.3030

■ 79.4130, 17.0514,
-9.1322

■ 56.4730, 16.0358,
-10.0618

■ 33.7610, 15.8938,
-11.1914

■ 11.9460, 15.3096,
-10.4766

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 155.1680, 18.6512,
-8.9173

■ 155.1680, 18.6512,
-8.9173

■ 140.0950, 26.0822,
-12.3613

■ 170.2410, 11.2202,
-5.4734

■ 124.7230, 33.6606,
-16.4201

■ 185.6130, 3.6418,
-1.4146

■ 109.6500, 41.0915,
-19.8641

■ 200.6860, -3.7892,
2.0294

■ 94.5770, 48.5225,
-23.3080

■ 215.7590,
-11.2202, 5.4734

■ 79.5040, 55.9535,
-26.7520

■ 231.1310,
-18.7986, 9.5321

■ 64.1320, 63.5319,
-30.8108

■ 244.9970,
-25.6345, 8.7726

■ 48.4720, 71.2523,
-33.7399

■ 247.9320,
-27.0815, 6.1986

■ 40.7860, 75.0415,
-35.7693

Harmonies

Analogous

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



150.6170, 20.8948, -28.6051



155.1680, 18.6512, -8.9173



157.6930, 12.4764, 11.6702

Triad

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



155.1680, 18.6512, -8.9173



156.4140, -14.5011, 31.2089



147.3570, -1.6550, -29.2541

Complementary

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



155.1680, 18.6512, -8.9173



182.8320, -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.



150.1220, -11.8921, -12.3850



155.1680, 18.6512, -8.9173



154.4960, -18.9785, 20.6130

Square

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



155.1680, 18.6512, -8.9173



157.9010, -6.3602, 33.4128



152.9240, -18.2035, 5.3287



145.8530, 9.4395, -41.0901

Rectangle

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



155.1680, 18.6512, -8.9173



158.5650, 6.6235, 22.3065



152.9240, -18.2035, 5.3287



148.7660, -5.3076, -24.3508

Sweetspot

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



155.1680, 18.6512, -8.9173



235.8130, 6.9942, -3.3440



177.7360, 3.5812, -28.7095



117.3140, 3.7892, -2.0294



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



155.1680, 18.6512, -8.9173



190.5940, 29.2872, -13.6759



155.2560, 18.6078, 5.0375



89.3140, 3.7892, -2.0294



34.2030, 62.5109, -29.9960



7.2840, 12.6780, -6.3881

Inverse Universe

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



160.2640, -3.5812, 28.7095



198.7930, -5.8139, 44.9085



182.7440, -18.6078, -5.0375



90.2180, -0.6005, 5.9478



51.2170, -11.9390, 96.2797



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 155.1680, 18.6512, -8.9173 looks on a white background.

Color Contrast Check

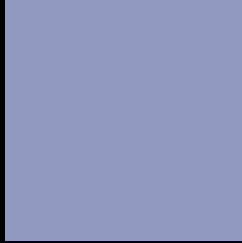
Large Text (above 18pt) WCAG AA × Fail

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 155.1680, 18.6512, -8.9173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

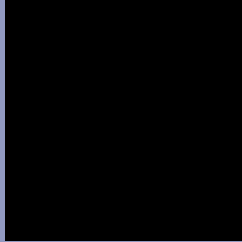
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.1680, 18.6512, -8.9173

Background



This preview shows how black text looks on a background with the YUV color 155.1680, 18.6512, -8.9173.



This preview shows how white text looks on a background with the YUV color 155.1680, 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

155.1680, 18.6512, -8.9173

Protanopia

155.1680, 18.6512, -8.9173

Deuteranopia

156.0760, 18.2035, -5.3287



Tritanopia

153.3990, 8.1843, -11.7509

Trichromacy



Original Color

155.1680, 18.6512, -8.9173

Protanomaly

155.1680, 18.6512, -8.9173

Deuteranomaly

155.4780, 18.4983, -6.5582

Tritanomaly

154.3220, 11.6733, -10.8064

Monochromacy



Original Color

155.1680, 18.6512, -8.9173

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8130, 6.9942, -3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.1680, 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(145, 153, 193)` looks like.

```
.text, #text, p{  
    color:rgb(145, 153, 193)  
}
```

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(145, 153, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 153, 193) }
```

Border

The CSS property to change the border of an element to YUV 155.1680, 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(145, 153, 193) }
```


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

```
.border{ border-color:rgb(145, 153, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 153, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 153, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 153, 193);  
box-shadow:4px 4px 4px 4px rgb(145, 153,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 155.1680, 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(145, 153, 193) }
```

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

```
.background{ background-color: rgb(145,  
153, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor