

Converting Colors

YUV(170.8820, 8.9322,
-18.3135)

Have a look what the booklet for
YUV(170.8820, 8.9322, -18.3135)
contains.

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Color

**YUV(170.8820, 8.9322,
-18.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	96B2BD
RGB	150, 178, 189
RGB Percent	59%, 70%, 74%
CMY	0.4118, 0.3020, 0.2588
CMYK	0.21, 0.06, 0.00, 0.26
HSL	197°, 23%, 66%
HSV	197°, 21%, 74%
XYZ	37.6834, 41.9989, 54.2646
YIQ	170.8820, -20.2190, -2.5150

Conversions

Conversions Part 2

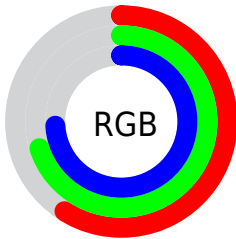
Format	Color
RYB	150, 166, 189
Decimal	9876157
CIELab	70.87, -7.12, -8.79
CIElCh	71, 11.316, 230.982
Yxy	41.9989, 0.2813, 0.3135
Android (android.graphics.Color)	4288066237 (0xFF96B2BD)
YUV	170.8820, 8.9322, -18.3135
Hunter-Lab	64.8066, -9.6183, -4.2808

Details

The YUV color **170.8820, 8.9322, -18.3135** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **168.1180, -8.9322, 18.3135**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5830, 9.0796, -18.9283**, and **118.1810, 8.7848, -17.6987** is the 20% darker color. If you saturate the color by 10%, you get **162.2660, 13.1799, -27.4203**, and if you desaturate by 10%, it is **179.4980, 4.6845, -9.2067**.

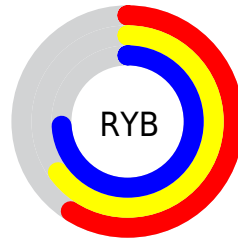
Distribution



Red (59%)

Green (70%)

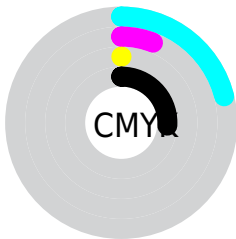
Blue (74%)



Red (59%)

Yellow (65%)

Blue (74%)

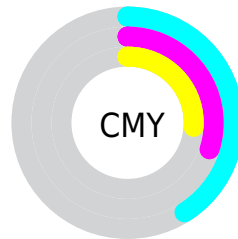


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (26%)



Cyan (41%)

Magenta (30%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8820, 8.9322, -18.3135 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 170.8820, 8.9322, -18.3135 by changing the saturation by 10% instead.

■ 170.8820, 8.9322,
-18.3135

■ 170.8820, 8.9322,
-18.3135

255.0000, 0.0000,
0.0000

■ 144.1810, 8.7848,
-17.6987

■ 226.5830, 9.0796,
-18.9283

■ 118.1810, 8.7848,
-17.6987

■ 248.4220, 3.2430,
-13.5251

■ 93.3660, 8.2006,
-16.9840

■ 69.9530, 7.9112,
-17.4988

■ 46.9530, 7.9112,
-17.4988

■ 24.6540, 8.0586,
-18.1136

■ 6.5030, 7.1470,

-5.7031

■ 0.0000, 0.0000,
0.0000

■ 170.8820, 8.9322,
-18.3135

■ 170.8820, 8.9322,
-18.3135

■ 162.2660, 13.1799,
-27.4203

■ 179.4980, 4.6845,
-9.2067

■ 153.0630, 17.7169,
-36.0123

■ 188.7010, 0.1474,
-0.6148

■ 144.4470, 21.9646,
-45.1190

■ 197.3170, -4.1003,
8.4920

■ 135.8310, 26.2123,
-54.2258

■ 205.9330, -8.3480,
17.5988

■ 126.9270, 30.6020,
-62.2030

■ 215.1360,
-12.8850, 26.1907

■ 118.3110, 34.8497,
-71.3097

■ 221.0610,
-15.8061, 29.7645

■ 109.6950, 39.0974,
-80.4165

■ 223.9960,
-17.2530, 27.1905

■ 101.3780, 43.1976,
-88.9085

■ 227.5180,
-18.9894, 24.1017

■ 230.4530,
-20.4363, 21.5277

Harmonies

Analogous

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



169.8450, 5.0064, -19.1581



170.8820, 8.9322, -18.3135



172.2680, 10.2209, -11.6360

Triad

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



170.8820, 8.9322, -18.3135



175.9140, 0.5354, 14.9844



172.3070, -9.0254, 1.4848

Complementary

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



170.8820, 8.9322, -18.3135



168.1180, -8.9322, 18.3135

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.



173.7210, -10.2155, 9.8917



170.8820, 8.9322, -18.3135



175.5570, -4.7116, 17.9285

Square

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



170.8820, 8.9322, -18.3135



175.4230, 5.2145, 7.5220



174.9220, -8.3425, 15.8544



171.1640, -5.5039, -8.0368

Rectangle

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



170.8820, 8.9322, -18.3135



173.4860, 9.6204, -5.6882



174.9220, -8.3425, 15.8544



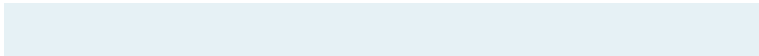
172.8020, -9.7624, 4.5586

Sweetspot

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



170.8820, 8.9322, -18.3135



238.1670, 3.3687, -7.1625



174.0330, -6.9183, -21.0769



118.4340, 1.7580, -3.8886



250.0000, 0.0000, 0.0000



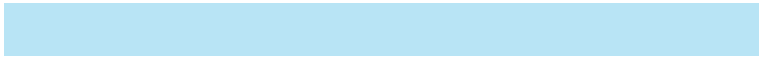
122.0000, 0.0000, 0.0000

Same Dimension

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



170.8820, 8.9322, -18.3135



216.7820, 13.9115, -28.7498



159.7290, 14.4306, -8.5323



90.1350, 1.9054, -4.5034



84.9300, 36.0235, -74.4836



16.4480, 7.1741, -14.4249

Inverse Universe

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



164.8530, 6.4815, 21.1769



207.2550, 10.2273, 33.1024



179.2710, -14.4306, 8.5323



88.4890, 1.7309, 4.8331



60.2380, 26.5047, 85.7373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 170.8820, 8.9322, -18.3135 looks on a white background.

Color Contrast Check

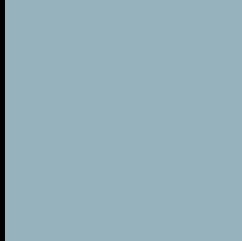
Large Text (above 18pt) WCAG AA × Fail

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 170.8820, 8.9322, -18.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

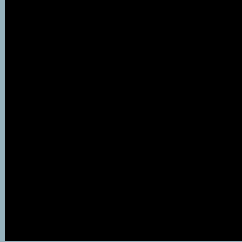
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

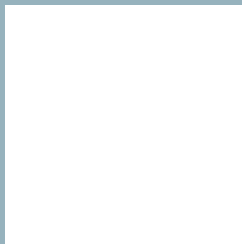
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 170.8820, 8.9322, -18.3135

Background



This preview shows how black text looks on a background with the YUV color 170.8820, 8.9322, -18.3135.



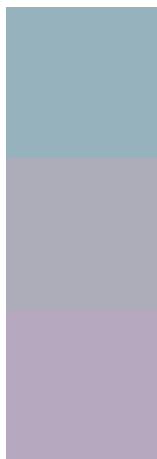
This preview shows how white text looks on a background with the YUV color 170.8820, 8.9322, -18.3135.

-18.3135.

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

170.8820, 8.9322, -18.3135

Protanopia

173.7810, 5.5310, -0.6849

Deuteranopia

174.8080, 7.9827, 6.3074



Tritanopia

171.5230, 10.0952, -17.9987

Trichromacy



Original Color

170.8820, 8.9322, -18.3135

Protanomaly

172.6770, 6.5682, -6.7327

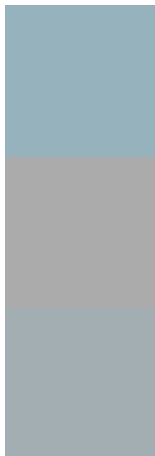
Deuteranomaly

173.4540, 8.1572, -3.0292

Tritanomaly

171.4090, 9.6584, -17.8987

Monochromacy



Original Color

170.8820, 8.9322, -18.3135

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1670, 3.3687, -7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8820, 8.9322, -18.3135 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(150, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(150, 178, 189)  
}
```

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(150, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 178, 189) }
```

Border

The CSS property to change the border of an element to YUV 170.8820, 8.9322, -18.3135 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(150, 178, 189) }
```


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

```
.border{ border-color:rgb(150, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(150, 178,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 170.8820, 8.9322, -18.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 178, 189) }
```

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

```
.background{ background-color: rgb(150,  
178, 189) }
```

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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