

Converting Colors

YUV(158.4230, -1.6875,
-18.7880)

Have a look what the booklet for
YUV(158.4230, -1.6875, -18.7880)
contains.

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Color

**YUV(158.4230, -1.6875,
-18.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	89AA9B
RGB	137, 170, 155
RGB Percent	54%, 67%, 61%
CMY	0.4627, 0.3333, 0.3922
CMYK	0.19, 0.00, 0.09, 0.33
HSL	153°, 16%, 60%
HSV	153°, 19%, 67%
XYZ	30.6076, 36.4344, 36.4297
YIQ	158.4230, -14.8530, -11.6610

Conversions

Conversions Part 2

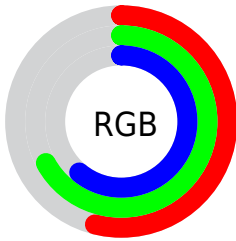
Format	Color
RYB	137, 158, 170
Decimal	9022107
CIELab	66.85, -14.40, 4.00
CIElCh	67, 14.944, 164.470
Yxy	36.4344, 0.2958, 0.3521
Android (android.graphics.Color)	4287212187 (0xFF89AA9B)
YUV	158.4230, -1.6875, -18.7880
Hunter-Lab	60.3609, -15.1182, 6.4693

Details

The YUV color **158.4230, -1.6875, -18.7880** is a light color, and the websafe version is hex **669999**. A complement of this color would be **148.5770, 1.6875, 18.7880**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0100, -1.9769, -19.3028**, and **107.1350, -1.5456, -17.6584** is the 20% darker color. If you saturate the color by 10%, you get **152.4280, -2.6760, -28.4394**, and if you desaturate by 10%, it is **164.4180, -0.6991, -9.1366**.

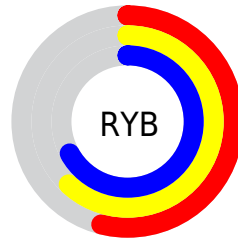
Distribution



Red (54%)

Green (67%)

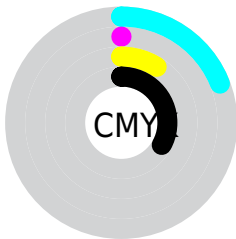
Blue (61%)



Red (54%)

Yellow (62%)

Blue (67%)

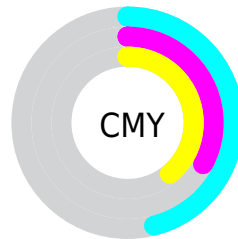


Cyan (19%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (46%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4230, -1.6875, -18.7880 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 158.4230, -1.6875, -18.7880 by changing the saturation by 10% instead.

■ 158.4230, -1.6875,
-18.7880

■ 158.4230, -1.6875,
-18.7880

255.0000, 0.0000,
0.0000

■ 131.8360, -1.3981,
-18.2732

■ 213.0100, -1.9769,
-19.3028

■ 107.1350, -1.5456,
-17.6584

■ 241.7110, -1.8295,
-19.9175

■ 82.5480, -1.2562,
-17.1436

■ 252.6080, 1.1793,
-4.9182

■ 58.9610, -0.9668,
-16.6288

■ 36.9610, -0.9668,
-16.6288

■ 17.4450, -1.6984,
-15.2993

■ 0.0000, 0.0000,

0.0000

■ 158.4230, -1.6875,
-18.7880

■ 158.4230, -1.6875,
-18.7880

■ 152.4280, -2.6760,
-28.4394

■ 164.4180, -0.6991,
-9.1366

■ 146.5470, -3.2277,
-38.1907

■ 170.2990, -0.1474,
0.6148

■ 140.5520, -4.2161,
-47.8421

■ 176.2940, 0.8411,
10.2662

■ 134.5570, -5.2046,
-57.4935

■ 182.2890, 1.8295,
19.9175

■ 128.5620, -6.1931,
-67.1449

■ 188.2840, 2.8180,
29.5689

■ 122.6810, -6.7447,
-76.8962

■ 194.1650, 3.3697,
39.3203

■ 116.6860, -7.7332,
-86.5476

■ 199.8610, 4.5055,
48.3569

■ 110.6910, -8.7217,
-96.1990

■ 200.7730, 7.9999,
47.5571

■ 110.3920, -8.5743,
-96.8138

■ 201.6850, 11.4943,
46.7573

Harmonies

Analogous

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



160.0670, -8.4140, -7.9518



158.4230, -1.6875, -18.7880



157.9150, 5.4649, -26.2355

Triad

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



158.4230, -1.6875, -18.7880



163.1700, 12.2412, -6.2881



163.9120, -9.8166, 22.0022

Complementary

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



158.4230, -1.6875, -18.7880



148.5770, 1.6875, 18.7880

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.



164.7040, -4.2911, 23.0616



158.4230, -1.6875, -18.7880



164.6340, 8.5614, 7.3370

Square

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



158.4230, -1.6875, -18.7880



160.7340, 13.4421, -18.1837



165.3920, 2.2717, 18.0732



162.7710, -12.7051, 15.1098

Rectangle

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



158.4230, -1.6875, -18.7880



158.2400, 9.2487, -26.5205



165.3920, 2.2717, 18.0732



164.6670, -8.2168, 22.2170

Sweetspot

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



158.4230, -1.6875, -18.7880



217.4290, -0.7045, -7.3922



160.8560, -11.7610, -7.7667



109.2660, -0.1311, -4.6183



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



158.4230, -1.6875, -18.7880



204.1290, -2.5286, -29.0541



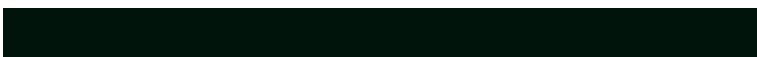
159.5460, 5.1538, -19.7728



81.1520, -0.5679, -4.5183



96.1100, -7.4492, -84.2885



12.9940, -0.9830, -11.3957

Inverse Universe

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



148.5770, 1.6875, 18.7880



188.8710, 2.5286, 29.0541



147.4540, -5.1538, 19.7728



78.8480, 0.5679, 4.5183



51.8900, 7.4492, 84.2885



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 158.4230, -1.6875, -18.7880 looks on a white background.

Color Contrast Check

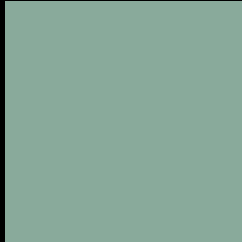
Large Text (above 18pt) WCAG AA × Fail

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 158.4230, -1.6875, -18.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

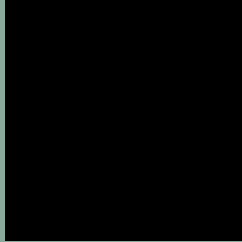
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

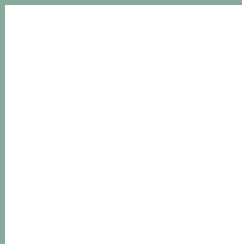
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 158.4230, -1.6875, -18.7880

Background



This preview shows how black text looks on a background with the YUV color 158.4230, -1.6875, -18.7880.



This preview shows how white text looks on a background with the YUV color 158.4230, -1.6875, -18.7880.

-18.7880.

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

158.4230, -1.6875, -18.7880

Protanopia

162.4260, -6.1260, 4.8884

Deuteranopia

163.9910, -2.9536, 14.0399



Tritanopia

160.4200, 9.6529, -16.1543

Trichromacy



Original Color

158.4230, -1.6875, -18.7880

Protanomaly

161.1260, -4.4991, -3.6185

Deuteranomaly

162.0280, -2.4788, 1.7294

Tritanomaly

159.3830, 5.7272, -16.9989

Monochromacy



Original Color

158.4230, -1.6875, -18.7880

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4230, -1.6875, -18.7880 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(137, 170, 155)` looks like.

```
.text, #text, p{  
    color:rgb(137, 170, 155)  
}
```

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(137, 170, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 170, 155) }
```

Border

The CSS property to change the border of an element to YUV 158.4230, -1.6875, -18.7880 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(137, 170, 155) }
```


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

```
.border{ border-color:rgb(137, 170, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 170, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 170, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 170, 155);  
box-shadow:4px 4px 4px 4px rgb(137, 170,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 158.4230, -1.6875, -18.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 170, 155) }
```

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

```
.background{ background-color: rgb(137,  
170, 155) }
```

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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