

Converting Colors

YUV(158.8660, 6.4751,
-23.5615)

Have a look what the booklet for
YUV(158.8660, 6.4751, -23.5615)
contains.

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Color

**YUV(158.8660, 6.4751,
-23.5615)**

Conversions

Conversions Part 1

Format	Color
Hex	84AAAC
RGB	132, 170, 172
RGB Percent	52%, 67%, 67%
CMY	0.4824, 0.3333, 0.3255
CMYK	0.23, 0.01, 0.00, 0.33
HSL	183°, 19%, 60%
HSV	183°, 23%, 67%
XYZ	31.3368, 36.6335, 44.4491
YIQ	158.8660, -23.2900, -7.4340

Conversions

Conversions Part 2

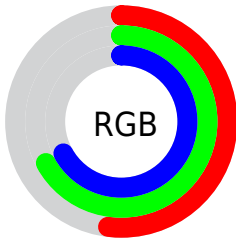
Format	Color
R_{YB}	132, 151, 172
Decimal	8694444
CIE _{Lab}	67.00, -12.35, -5.26
CIE _{LCh}	67, 13.421, 203.071
Yxy	36.6335, 0.2787, 0.3259
Android (android.graphics.Color)	4286884524 (0xFF84AAAC)
YUV	158.8660, 6.4751, -23.5615
Hunter-Lab	60.5256, -13.5024, -1.1737

Details

The YUV color **158.8660, 6.4751, -23.5615** is a light color, and the websafe version is hex **669999**. A complement of this color would be **145.1340, -6.4751, 23.5615**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5670, 6.6225, -24.1763**, and **107.1650, 6.3277, -22.9467** is the 20% darker color. If you saturate the color by 10%, you get **153.1960, 9.2704, -33.4979**, and if you desaturate by 10%, it is **164.5360, 3.6798, -13.6251**.

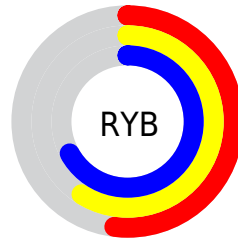
Distribution



Red (52%)

Green (67%)

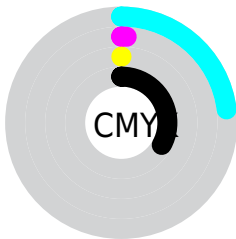
Blue (67%)



Red (52%)

Yellow (59%)

Blue (67%)

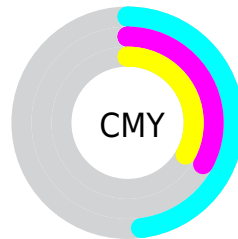


Cyan (23%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8660, 6.4751, -23.5615 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 158.8660, 6.4751, -23.5615 by changing the saturation by 10% instead.

■ 158.8660, 6.4751,
-23.5615

■ 158.8660, 6.4751,
-23.5615

■ 255.0000, 0.0000,
0.0000

■ 132.1650, 6.3277,
-22.9467

■ 213.5670, 6.6225,
-24.1763

■ 107.1650, 6.3277,
-22.9467

■ 242.1540, 6.3331,
-24.6911

■ 82.4640, 6.1802,
-22.3319

■ 251.4120, 1.7689,
-7.3773

■ 58.4640, 6.1802,
-22.3319

■ 35.5670, 6.6225,
-24.1763

■ 19.0410, 4.4168,
-16.6990

■ 0.0000, 0.0000,

0.0000

■ 158.8660, 6.4751,
-23.5615

■ 158.8660, 6.4751,
-23.5615

■ 153.1960, 9.2704,
-33.4979

■ 164.5360, 3.6798,
-13.6251

■ 147.5260, 12.0657,
-43.4343

■ 170.2060, 0.8844,
-3.6887

■ 141.5570, 15.0084,
-53.9855

■ 176.1750, -2.0583,
6.8625

■ 136.4740, 17.5143,
-64.4367

■ 181.2580, -4.5642,
17.3137

■ 130.8040, 20.3096,
-74.3731

■ 186.9280, -7.3595,
27.2501

■ 125.1340, 23.1049,
-84.3095

■ 192.5980,
-10.1548, 37.1866

■ 119.4640, 25.9002,
-94.2459

■ 198.2680,
-12.9501, 47.1230

■ 115.2890, 27.9585,
-101.1085

■ 199.7520,
-13.6817, 48.4525

■ 200.3390,
-13.9711, 47.9377

Harmonies

Analogous

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



158.9930, 0.4965, -19.2879



158.8660, 6.4751, -23.5615



159.7290, 10.9796, -21.6873

Triad

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



158.8660, 6.4751, -23.5615



165.0750, 6.3720, 9.5812



162.9770, -11.8207, 11.4212

Complementary

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



158.8660, 6.4751, -23.5615



145.1340, -6.4751, 23.5615

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.



164.4770, -10.0952, 17.9987



158.8660, 6.4751, -23.5615



165.5230, 0.2352, 17.9583

Square

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



158.8660, 6.4751, -23.5615



164.0350, 10.3357, -1.7847



165.0520, -5.4486, 21.0024



161.6660, -10.1883, 1.1699

Rectangle

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



158.8660, 6.4751, -23.5615



161.1040, 12.2737, -16.7542



165.0520, -5.4486, 21.0024



163.4010, -11.5367, 13.6803

Sweetspot

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



158.8660, 6.4751, -23.5615



219.5150, 2.2111, -9.2217



155.7080, -10.7020, -20.7919



109.3090, 1.3267, -5.5330



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.



158.8660, 6.4751, -23.5615



203.7010, 10.0074, -36.5718



147.1260, 12.2629, -13.2655



83.7220, 1.6161, -5.0182



101.0410, 24.1368, -88.6130



15.5360, 3.6798, -13.6251

Inverse Universe

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



148.2920, 10.7020, 20.7919



187.2640, 16.6318, 32.2175



156.8740, -12.2629, 13.2655



81.6030, 2.1677, 4.7332



61.1520, 40.3511, 77.9197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 158.8660, 6.4751, -23.5615 looks on a white background.

Color Contrast Check

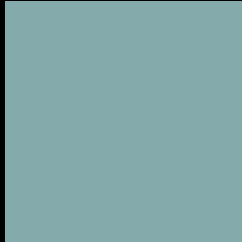
Large Text (above 18pt) WCAG AA × Fail

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 158.8660, 6.4751, -23.5615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

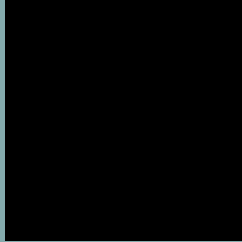
Any Text WCAG AA ✓ Pass

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 158.8660, 6.4751, -23.5615 Background



This preview shows how black text looks on a background with the YUV color 158.8660, 6.4751, -23.5615.



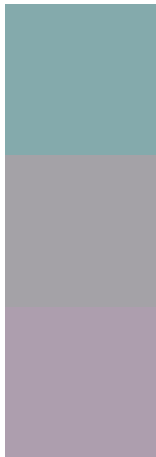
This preview shows how white text looks on a background with the YUV color 158.8660, 6.4751,

-23.5615.

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

158.8660, 6.4751, -23.5615

Protanopia

163.1680, 1.8892, 0.7297

Deuteranopia

164.3090, 4.7777, 7.6220



Tritanopia

159.4300, 11.1270, -22.3021

Trichromacy



Original Color

158.8660, 6.4751, -23.5615

Protanomaly

161.5690, 3.6635, -8.3920

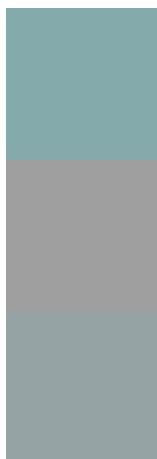
Deuteranomaly

162.0580, 5.3944, -3.5589

Tritanomaly

159.2620, 9.2378, -23.0318

Monochromacy



Original Color

158.8660, 6.4751, -23.5615

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9280, 2.5005, -8.7069

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8660, 6.4751, -23.5615 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(132, 170, 172)` looks like.

```
.text, #text, p{  
    color:rgb(132, 170, 172)  
}
```

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(132, 170, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 170, 172) }
```

Border

The CSS property to change the border of an element to YUV 158.8660, 6.4751, -23.5615 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(132, 170, 172) }
```


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

```
.border{ border-color:rgb(132, 170, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 170, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 170, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 170, 172);  
box-shadow:4px 4px 4px 4px rgb(132, 170,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 158.8660, 6.4751, -23.5615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 170, 172) }
```

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

```
.background{ background-color: rgb(132,  
170, 172) }
```

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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