

Converting Colors

YUV(156.9570, 8.4022,
-35.0423)

Have a look what the booklet for
YUV(156.9570, 8.4022, -35.0423)
contains.

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Color

**YUV(156.9570, 8.4022,
-35.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	75AEAE
RGB	117, 174, 174
RGB Percent	46%, 68%, 68%
CMY	0.5412, 0.3176, 0.3176
CMYK	0.33, 0.00, 0.00, 0.32
HSL	180°, 26%, 57%
HSV	180°, 33%, 68%
XYZ	30.1122, 37.1100, 45.6203
YIQ	156.9570, -33.9720, -12.0840

Conversions

Conversions Part 2

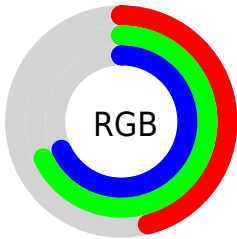
Format	Color
R _Y B	117, 146, 174
Decimal	7712430
CIE Lab	67.36, -18.45, -5.93
CIE LCh	67, 19.382, 197.826
Yxy	37.1100, 0.2669, 0.3289
Android (android.graphics.Color)	4285902510 (0xFF75AEAE)
YUV	156.9570, 8.4022, -35.0423
Hunter-Lab	60.9180, -18.3728, -1.7585

Details

The YUV color **156.9570, 8.4022, -35.0423** is a light color, and the websafe version is hex **669999**. A complement of this color would be **134.0430, -8.4022, 35.0423**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2450, 8.2602, -36.1719**, and **104.3700, 8.6916, -34.5275** is the 20% darker color. If you saturate the color by 10%, you get **151.8740, 10.9081, -45.4935**, and if you desaturate by 10%, it is **162.0400, 5.8963, -24.5911**.

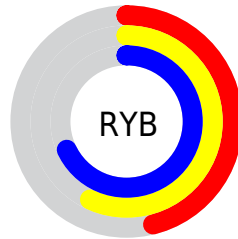
Distribution



Red (46%)

Green (68%)

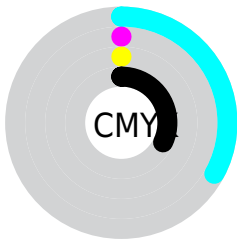
Blue (68%)



Red (46%)

Yellow (57%)

Blue (68%)

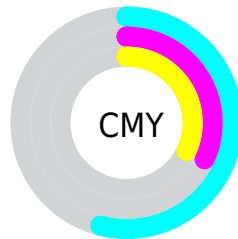


Cyan (33%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (54%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.9570, 8.4022, -35.0423 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 156.9570, 8.4022, -35.0423 by changing the saturation by 10% instead.

■ 156.9570, 8.4022,
-35.0423

■ 156.9570, 8.4022,
-35.0423

■ 255.0000, 0.0000,
0.0000

■ 130.2560, 8.2548,
-34.4275

■ 212.2450, 8.2602,
-36.1719

■ 104.3700, 8.6916,
-34.5275

■ 238.2560, 8.2548,
-34.4275

■ 79.0710, 8.8390,
-35.1423

■ 246.9270, 3.9800,
-16.5990

■ 52.9670, 9.8763,
-41.1901

■ 35.1640, 7.8071,
-30.8388

■ 21.0300, 4.4222,
-18.4433

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 156.9570, 8.4022,
-35.0423

■ 156.9570, 8.4022,
-35.0423

■ 151.8740, 10.9081,
-45.4935

■ 162.0400, 5.8963,
-24.5911

■ 146.4920, 13.5614,
-56.5595

■ 167.4220, 3.2430,
-13.5251

■ 141.4090, 16.0674,
-67.0107

■ 172.5050, 0.7370,
-3.0739

■ 136.0270, 18.7207,
-78.0767

■ 177.8870, -1.9163,
7.9921

■ 130.9440, 21.2266,
-88.5279

■ 182.9700, -4.4222,
18.4433

■ 125.8610, 23.7325,
-98.9791

■ 188.0530, -6.9281,
28.8945

■ 121.9740, 25.6488,
-106.9712

■ 193.4350, -9.5815,
39.9605

■ 198.2190,
-11.9400, 49.7969

Harmonies

Analogous

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



158.1940, -1.0816, -26.4801



156.9570, 8.4022, -35.0423



158.0910, 15.2381, -34.2828

Triad

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



156.9570, 8.4022, -35.0423



166.8240, 10.4398, 11.5554



163.7560, -16.6417, 17.7540

Complementary

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



156.9570, 8.4022, -35.0423



134.0430, -8.4022, 35.0423

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.



165.4350, -13.0325, 26.8055



156.9570, 8.4022, -35.0423



167.1370, 2.3975, 24.4359

Square

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



156.9570, 8.4022, -35.0423



164.7940, 15.8776, -5.9583



166.5800, -6.2019, 29.3093



162.0100, -15.2879, 3.4992

Rectangle

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



156.9570, 8.4022, -35.0423



159.8190, 17.8372, -27.9053



166.5800, -6.2019, 29.3093



164.3050, -15.9264, 21.6575

Sweetspot

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



156.9570, 8.4022, -35.0423



220.1230, 3.3904, -14.1399



150.4590, -16.4953, -29.3435



110.8140, 2.0637, -8.6069



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



156.9570, 8.4022, -35.0423



200.3890, 13.1192, -54.7152



140.5210, 16.5051, -20.6279



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Inverse Universe

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



140.5410, 16.4953, 29.3435



174.7570, 25.7558, 45.8171



151.0660, -16.7945, 20.1131



81.7170, 2.6045, 4.6332



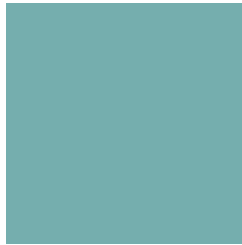
61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 156.9570, 8.4022, -35.0423 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 156.9570, 8.4022, -35.0423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

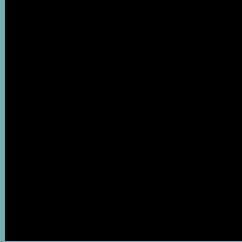
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.9570, 8.4022, -35.0423

Background



This preview shows how black text looks on a background with the YUV color 156.9570, 8.4022, -35.0423.



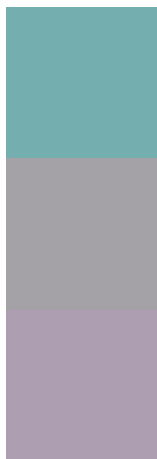
This preview shows how white text looks on a background with the YUV color 156.9570, 8.4022, -35.0423.

-35.0423.

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

156.9570, 8.4022, -35.0423

Protanopia

163.4670, 1.7418, 1.3444

Deuteranopia

165.2380, 5.7987, 6.8073



Tritanopia

158.0480, 13.7803, -33.3681

Trichromacy



Original Color

156.9570, 8.4022, -35.0423

Protanomaly

161.0740, 4.4005, -11.4659

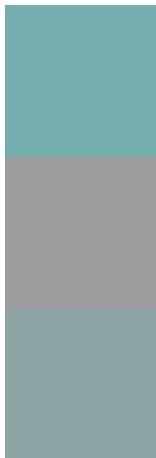
Deuteranomaly

162.0790, 6.8631, -7.9623

Tritanomaly

157.8800, 11.8912, -34.0978

Monochromacy



Original Color

156.9570, 8.4022, -35.0423

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.7210, 3.0955, -12.9103

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9570, 8.4022, -35.0423 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(117, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(117, 174, 174)  
}
```

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(117, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 174, 174) }
```

Border

The CSS property to change the border of an element to YUV 156.9570, 8.4022, -35.0423 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(117, 174, 174) }
```


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

```
.border{ border-color:rgb(117, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(117, 174,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 156.9570, 8.4022, -35.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 174, 174) }
```

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

```
.background{ background-color: rgb(117,  
174, 174) }
```

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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