

Converting Colors

YUV(156.2220, 13.2016,
-34.3977)

Have a look what the booklet for
YUV(156.2220, 13.2016, -34.3977)
contains.

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Color

**YUV(156.2220, 13.2016,
-34.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	75ABB7
RGB	117, 171, 183
RGB Percent	46%, 67%, 72%
CMY	0.5412, 0.3294, 0.2824
CMYK	0.36, 0.07, 0.00, 0.28
HSL	191°, 31%, 59%
HSV	191°, 36%, 72%
XYZ	30.4463, 36.3266, 50.2068
YIQ	156.2220, -36.0360, -7.7160

Conversions

Conversions Part 2

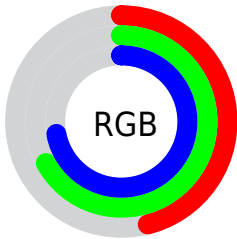
Format	Color
R _Y B	117, 147, 183
Decimal	7711671
CIE Lab	66.77, -14.65, -11.81
CIE LCh	67, 18.816, 218.870
Yxy	36.3266, 0.2603, 0.3105
Android (android.graphics.Color)	4285901751 (0xFF75ABB7)
YUV	156.2220, 13.2016, -34.3977
Hunter-Lab	60.2716, -15.3057, -7.1990

Details

The YUV color **156.2220, 13.2016, -34.3977** is a light color, and the websafe version is hex **669999**. A complement of this color would be **143.7780, -13.2016, 34.3977**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.0370, 13.7858, -35.1124**, and **103.8090, 12.9122, -34.9125** is the 20% darker color. If you saturate the color by 10%, you get **149.0790, 16.7231, -43.9193**, and if you desaturate by 10%, it is **163.3650, 9.6801, -24.8761**.

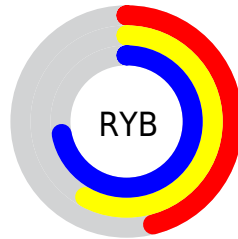
Distribution



Red (46%)

Green (67%)

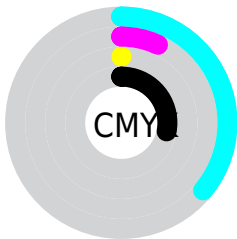
Blue (72%)



Red (46%)

Yellow (58%)

Blue (72%)

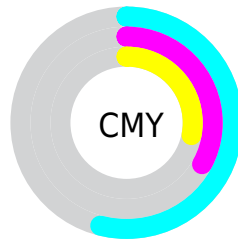


Cyan (36%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (54%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.2220, 13.2016, -34.3977 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 156.2220, 13.2016, -34.3977 by changing the saturation by 10% instead.

■ 156.2220, 13.2016,
-34.3977

■ 156.2220, 13.2016,
-34.3977

255.0000, 0.0000,
0.0000

■ 129.5210, 13.0541,
-33.7829

■ 211.0370, 13.7858,
-35.1124

■ 103.8090, 12.9122,
-34.9125

■ 238.2560, 8.2548,
-34.4275

■ 78.5100, 13.0596,
-35.5273

■ 246.9270, 3.9800,
-16.5990

■ 51.2210, 14.6810,
-42.2898

■ 34.7880, 11.4435,
-30.5091

■ 20.5400, 7.6218,
-18.0136

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 156.2220, 13.2016,
-34.3977

■ 156.2220, 13.2016,
-34.3977

■ 149.0790, 16.7231,
-43.9193

■ 163.3650, 9.6801,
-24.8761

■ 141.0500, 20.6813,
-53.5409

■ 171.3940, 5.7218,
-15.2545

■ 133.9070, 24.2028,
-63.0624

■ 178.5370, 2.2003,
-5.7329

■ 126.7640, 27.7243,
-72.5840

■ 185.6800, -1.3212,
3.7886

■ 119.0340, 31.5352,
-81.5908

■ 193.7090, -5.2795,
13.4102

■ 111.5920, 35.2041,
-91.7272

■ 200.8520, -8.8010,
22.9318

■ 108.9120, 36.5254,
-95.5158

■ 207.9950,
-12.3225, 32.4534

■ 213.3330,
-14.9542, 36.5420

■ 215.0940,
-15.8223, 34.9976

Harmonies

Analogous

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



155.5830, 5.6286, -32.0833



156.2220, 13.2016, -34.3977



158.6020, 16.9582, -25.9610

Triad

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



156.2220, 13.2016, -34.3977



165.6850, 4.5923, 20.4473



161.2170, -15.8830, 7.7027

Complementary

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



156.2220, 13.2016, -34.3977



143.7780, -13.2016, 34.3977

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.



162.7070, -15.6316, 20.4280



156.2220, 13.2016, -34.3977



165.5520, -3.7231, 27.5799

Square

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



156.2220, 13.2016, -34.3977



164.5460, 12.0558, 6.5372



164.6030, -11.1433, 27.5352



159.2690, -11.4716, -7.2519

Rectangle

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



156.2220, 13.2016, -34.3977



161.0700, 17.2205, -16.7244



164.6030, -11.1433, 27.5352



161.8370, -16.1886, 12.4210

Sweetspot

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



156.2220, 13.2016, -34.3977



226.2910, 5.2795, -13.4102



156.9960, -14.2950, -35.0765



113.4550, 3.2267, -8.2920



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



156.2220, 13.2016, -34.3977



195.9360, 20.2446, -53.4409



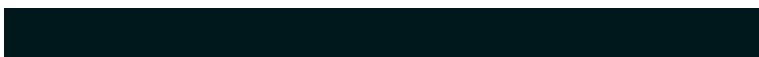
137.4380, 22.4621, -17.9241



88.1350, 1.9054, -4.5034



92.3330, 31.3878, -80.9760



16.6930, 5.5744, -14.6398

Inverse Universe

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



142.8900, 13.8582, 35.1765



175.0740, 21.6555, 54.3091



162.5620, -22.4621, 17.9241



86.4890, 1.7309, 4.8331



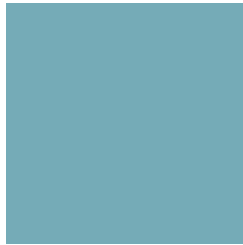
61.1220, 32.4779, 83.2080



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 156.2220, 13.2016, -34.3977 looks on a white background.

Color Contrast Check

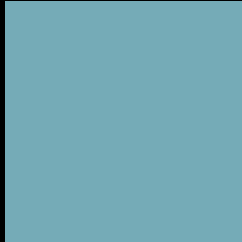
Large Text (above 18pt) WCAG AA × Fail

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 156.2220, 13.2016, -34.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

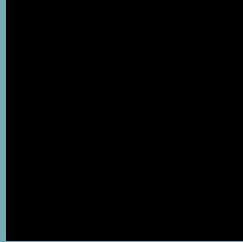
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.2220, 13.2016, -34.3977

Background



This preview shows how black text looks on a background with the YUV color 156.2220, 13.2016, -34.3977.



This preview shows how white text looks on a background with the YUV color 156.2220, 13.2016, -34.3977.

-34.3977.

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

156.2220, 13.2016, -34.3977

Protanopia

162.5250, 7.1362, -2.2144

Deuteranopia

163.5840, 11.0511, 2.1188



Tritanopia

156.3360, 13.6384, -34.4977

Trichromacy



Original Color

156.2220, 13.2016, -34.3977

Protanomaly

160.3170, 9.2107, -14.3100

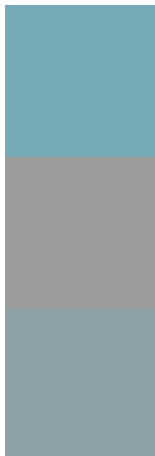
Deuteranomaly

161.0230, 11.8207, -11.4212

Tritanomaly

156.3360, 13.6384, -34.4977

Monochromacy



Original Color

156.2220, 13.2016, -34.3977

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.8890, 4.9847, -12.1807

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.2220, 13.2016, -34.3977 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, 171, 183)` looks like.

```
.text, #text, p{  
    color:rgb(117, 171, 183)  
}
```

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, 171, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 171, 183) }
```

Border

The CSS property to change the border of an element to YUV 156.2220, 13.2016, -34.3977 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, 171, 183) }
```


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

```
.border{ border-color:rgb(117, 171, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 171, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 171, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 171, 183);  
box-shadow:4px 4px 4px 4px rgb(117, 171,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 156.2220, 13.2016, -34.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 171, 183) }
```

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

```
.background{ background-color: rgb(117,  
171, 183) }
```

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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