

Converting Colors

YUV(156.9660, 14.8068,
-35.9272)

Have a look what the booklet for
YUV(156.9660, 14.8068, -35.9272)
contains.

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Color

**YUV(156.9660, 14.8068,
-35.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	74ACBB
RGB	116, 172, 187
RGB Percent	45%, 67%, 73%
CMY	0.5451, 0.3255, 0.2667
CMYK	0.38, 0.08, 0.00, 0.27
HSL	193°, 34%, 59%
HSV	193°, 38%, 73%
XYZ	30.9246, 36.8059, 52.4881
YIQ	156.9660, -38.1910, -7.2070

Conversions

Conversions Part 2

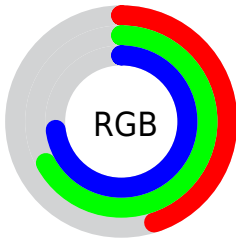
Format	Color
RYB	116, 147, 187
Decimal	7646395
CIELab	67.13, -14.43, -13.49
CIElCh	67, 19.752, 223.070
Yxy	36.8059, 0.2572, 0.3062
Android (android.graphics.Color)	4285836475 (0xFF74ACBB)
YUV	156.9660, 14.8068, -35.9272
Hunter-Lab	60.6679, -15.1808, -8.8285

Details

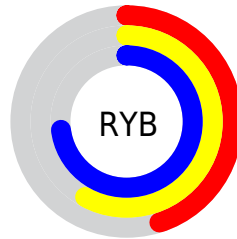
The YUV color **156.9660, 14.8068, -35.9272** is a light color, and the websafe version is hex **669999**. A complement of this color would be **146.0340, -14.8068, 35.9272**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0800, 15.2436, -36.0272**, and **104.5530, 14.5174, -36.4420** is the 20% darker color. If you saturate the color by 10%, you get **148.9370, 18.7651, -45.5487**, and if you desaturate by 10%, it is **164.9950, 10.8485, -26.3056**.

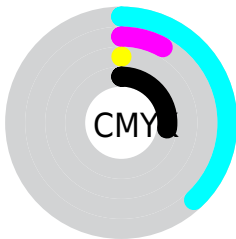
Distribution



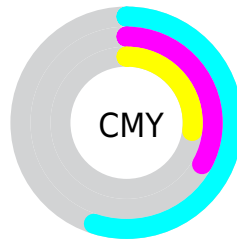
- Red (45%)
- Green (67%)
- Blue (73%)



- Red (45%)
- Yellow (58%)
- Blue (73%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (27%)



- Cyan (55%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.9660, 14.8068, -35.9272 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 156.9660, 14.8068, -35.9272 by changing the saturation by 10% instead.

■ 156.9660, 14.8068,
-35.9272

■ 156.9660, 14.8068,
-35.9272

255.0000, 0.0000,
0.0000

■ 129.9660, 14.8068,
-35.9272

■ 212.0800, 15.2436,
-36.0272

■ 104.5530, 14.5174,
-36.4420

■ 238.2560, 8.2548,
-34.4275

■ 78.6560, 14.9596,
-38.2863

■ 246.6280, 4.1274,
-17.2138

■ 51.2530, 16.1443,
-44.9489

■ 35.1300, 12.7539,
-30.8090

■ 20.8820, 8.9322,
-18.3135

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 156.9660, 14.8068,
-35.9272

■ 156.9660, 14.8068,
-35.9272

■ 148.9370, 18.7651,
-45.5487

■ 164.9950, 10.8485,
-26.3056

■ 141.2070, 22.5759,
-54.5555

■ 172.7250, 7.0376,
-17.2988

■ 133.1780, 26.5342,
-64.1771

■ 180.7540, 3.0793,
-7.6773

■ 125.1490, 30.4925,
-73.7987

■ 188.7830, -0.8790,
1.9443

■ 117.4190, 34.3034,
-82.8055

■ 196.8120, -4.8373,
11.5659

■ 109.3900, 38.2617,
-92.4270

■ 204.5420, -8.6482,
20.5727

■ 107.6070, 39.1407,
-94.3713

■ 212.5710,
-12.6065, 30.1942

■ 217.3110,
-14.9433, 33.0533

■ 219.6590,
-16.1009, 30.9941

Harmonies

Analogous

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



156.3160, 7.2392, -35.3571



156.9660, 14.8068, -35.9272



159.9440, 18.2686, -26.2609

Triad

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



156.9660, 14.8068, -35.9272



166.7670, 3.5659, 23.0063



162.0920, -16.3144, 6.0583

Complementary

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



156.9660, 14.8068, -35.9272



146.0340, -14.8068, 35.9272

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.



163.7670, -16.6471, 19.4983



156.9660, 14.8068, -35.9272



166.2210, -5.0390, 29.6242

Square

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



156.9660, 14.8068, -35.9272



165.7420, 11.4662, 8.9963



165.5600, -12.6011, 28.4499



159.9590, -11.3188, -9.6110

Rectangle

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



156.9660, 14.8068, -35.9272



162.3090, 18.0887, -15.1800



165.5600, -12.6011, 28.4499



162.5980, -17.0568, 10.8766

Sweetspot

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



156.9660, 14.8068, -35.9272



231.2910, 5.2795, -13.4102



159.2730, -14.4316, -37.9504



115.4550, 3.2267, -8.2920



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.



156.9660, 14.8068, -35.9272



195.3100, 23.0182, -56.3999



136.4210, 24.9354, -17.9092



90.1350, 1.9054, -4.5034



91.3870, 32.8402, -80.1464



17.6220, 6.5954, -15.4545

Inverse Universe

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



143.6130, 13.9948, 38.0504



174.2210, 22.0760, 59.4422



166.5790, -24.9354, 17.9092



88.4890, 1.7309, 4.8331



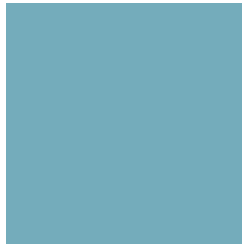
61.4920, 31.3094, 84.6375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 156.9660, 14.8068, -35.9272 looks on a white background.

Color Contrast Check

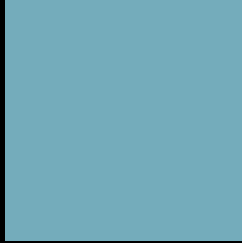
Large Text (above 18pt) WCAG AA × Fail

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 156.9660, 14.8068, -35.9272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

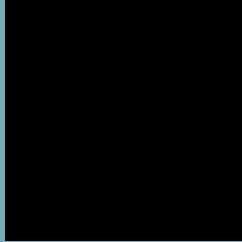
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.9660, 14.8068, -35.9272

Background



This preview shows how black text looks on a background with the YUV color 156.9660, 14.8068, -35.9272.



This preview shows how white text looks on a background with the YUV color 156.9660, 14.8068, -35.9272.

-35.9272.

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

156.9660, 14.8068, -35.9272

Protanopia

163.4540, 8.1572, -3.0292

Deuteranopia

164.6270, 12.5089, 1.2041



Tritanopia

156.8520, 14.3700, -35.8272

Trichromacy



Original Color

156.9660, 14.8068, -35.9272

Protanomaly

161.3600, 10.6685, -15.2247

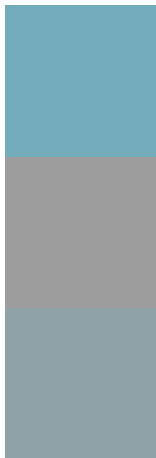
Deuteranomaly

162.0660, 13.2785, -12.3359

Tritanomaly

156.8520, 14.3700, -35.8272

Monochromacy



Original Color

156.9660, 14.8068, -35.9272

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.7040, 5.5689, -12.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9660, 14.8068, -35.9272 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(116, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(116, 172, 187)  
}
```

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(116, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 172, 187) }
```

Border

The CSS property to change the border of an element to YUV 156.9660, 14.8068, -35.9272 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(116, 172, 187) }
```


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

```
.border{ border-color:rgb(116, 172, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(116, 172,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 156.9660, 14.8068, -35.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 172, 187) }
```

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

```
.background{ background-color: rgb(116,  
172, 187) }
```

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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