

Converting Colors

YUV(158.0800, 15.2436,
-36.0272)

Have a look what the booklet for
YUV(158.0800, 15.2436, -36.0272)
contains.

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Color

**YUV(158.0800, 15.2436,
-36.0272)**

Conversions

Conversions Part 1

Format	Color
Hex	75ADBD
RGB	117, 173, 189
RGB Percent	46%, 68%, 74%
CMY	0.5412, 0.3216, 0.2588
CMYK	0.38, 0.08, 0.00, 0.26
HSL	193°, 35%, 60%
HSV	193°, 38%, 74%
XYZ	31.4650, 37.3432, 53.6937
YIQ	158.0800, -38.5120, -6.8960

Conversions

Conversions Part 2

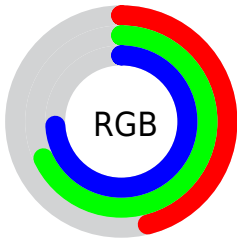
Format	Color
RYB	117, 149, 189
Decimal	7712189
CIELab	67.53, -14.17, -13.99
CIElCh	68, 19.912, 224.620
Yxy	37.3432, 0.2569, 0.3048
Android (android.graphics.Color)	4285902269 (0xFF75ADBBD)
YUV	158.0800, 15.2436, -36.0272
Hunter-Lab	61.1091, -15.0314, -9.3190

Details

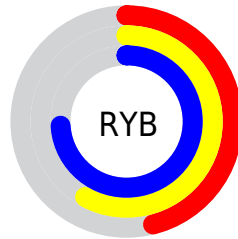
The YUV color **158.0800, 15.2436, -36.0272** is a light color, and the websafe version is hex **669999**. A complement of this color would be **147.9200, -15.2436, 36.0272**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1940, 15.6804, -36.1271**, and **105.6670, 14.9542, -36.5420** is the 20% darker color. If you saturate the color by 10%, you get **150.0510, 19.2019, -45.6487**, and if you desaturate by 10%, it is **166.1090, 11.2853, -26.4056**.

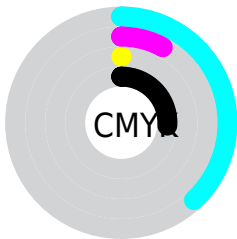
Distribution



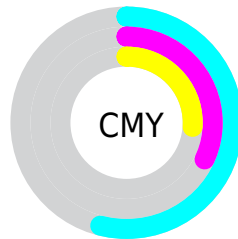
- Red (46%)
- Green (68%)
- Blue (74%)



- Red (46%)
- Yellow (58%)
- Blue (74%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (26%)



- Cyan (54%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.0800, 15.2436, -36.0272 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 158.0800, 15.2436, -36.0272 by changing the saturation by 10% instead.

■ 158.0800, 15.2436,
-36.0272

■ 158.0800, 15.2436,
-36.0272

255.0000, 0.0000,
0.0000

■ 131.0800, 15.2436,
-36.0272

■ 213.1940, 15.6804,
-36.1271

■ 105.6670, 14.9542,
-36.5420

■ 238.5550, 8.1074,
-33.8127

■ 79.6560, 14.9596,
-38.2863

■ 247.2260, 3.8326,
-15.9842

■ 52.0680, 16.7285,
-45.6636

■ 35.9450, 13.3381,
-31.5238

■ 21.6970, 9.5164,
-19.0283

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 158.0800, 15.2436,
-36.0272

■ 158.0800, 15.2436,
-36.0272

■ 150.0510, 19.2019,
-45.6487

■ 166.1090, 11.2853,
-26.4056

■ 142.0220, 23.1602,
-55.2703

■ 174.1380, 7.3270,
-16.7840

■ 133.4060, 27.4078,
-64.3771

■ 182.7540, 3.0793,
-7.6773

■ 125.3770, 31.3661,
-73.9986

■ 190.7830, -0.8790,
1.9443

■ 117.3480, 35.3244,
-83.6202

■ 198.8120, -4.8373,
11.5659

■ 109.6180, 39.1353,
-92.6270

■ 206.5420, -8.6482,
20.5727

■ 107.8350, 40.0143,
-94.5713

■ 214.5710,
-12.6065, 30.1942

■ 219.3000,
-14.9379, 31.3089

■ 221.6480,
-16.0955, 29.2497

Harmonies

Analogous

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



157.4300, 7.6760, -35.4571



158.0800, 15.2436, -36.0272



161.3570, 18.5580, -25.7461

Triad

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



158.0800, 15.2436, -36.0272



167.9520, 2.9817, 23.7211



162.7930, -16.1669, 5.4435

Complementary

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



158.0800, 15.2436, -36.0272



147.9200, -15.2436, 36.0272

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.



164.6530, -17.0839, 19.5983



158.0800, 15.2436, -36.0272



167.4060, -5.6232, 30.3389

Square

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



158.0800, 15.2436, -36.0272



167.0410, 11.3188, 9.6110



166.4460, -13.0379, 28.5499



160.7740, -10.7346, -10.3258

Rectangle

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



158.0800, 15.2436, -36.0272



163.6080, 17.9413, -14.5652



166.4460, -13.0379, 28.5499



163.2990, -16.9094, 10.2618

Sweetspot

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



158.0800, 15.2436, -36.0272



233.4050, 5.7163, -13.5102



161.0880, -13.8474, -38.6652



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.



158.0800, 15.2436, -36.0272



196.5380, 23.8918, -56.5998



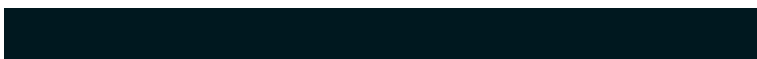
136.9480, 25.6616, -17.4944



90.1350, 1.9054, -4.5034



90.2130, 33.4190, -79.1168



17.6220, 6.5954, -15.4545

Inverse Universe

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



144.9120, 13.8474, 38.6652



175.8190, 21.7812, 60.6717



169.0520, -25.6616, 17.4944



88.4890, 1.7309, 4.8331



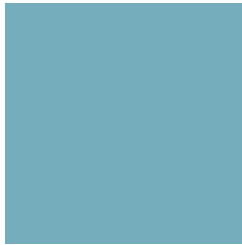
61.2640, 30.4358, 84.8375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 158.0800, 15.2436, -36.0272 looks on a white background.

Color Contrast Check

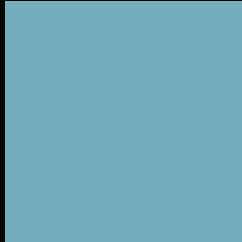
Large Text (above 18pt) WCAG AA × Fail

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 158.0800, 15.2436, -36.0272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

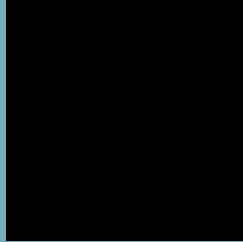
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.0800, 15.2436, -36.0272

Background



This preview shows how black text looks on a background with the YUV color 158.0800, 15.2436, -36.0272.



This preview shows how white text looks on a background with the YUV color 158.0800, 15.2436, -36.0272.

-36.0272.

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

158.0800, 15.2436, -36.0272

Protanopia

164.5680, 8.5940, -3.1291

Deuteranopia

165.4420, 13.0931, 0.4894



Tritanopia

157.8520, 14.3700, -35.8272

Trichromacy



Original Color

158.0800, 15.2436, -36.0272

Protanomaly

162.4740, 11.1053, -15.3247

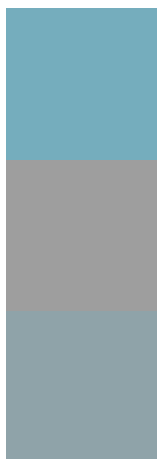
Deuteranomaly

162.8810, 13.8627, -13.0506

Tritanomaly

157.9660, 14.8068, -35.9272

Monochromacy



Original Color

158.0800, 15.2436, -36.0272

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.7040, 5.5689, -12.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0800, 15.2436, -36.0272 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, 173, 189)` looks like.

```
.text, #text, p{  
    color:rgb(117, 173, 189)  
}
```

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, 173, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 173, 189) }
```

Border

The CSS property to change the border of an element to YUV 158.0800, 15.2436, -36.0272 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

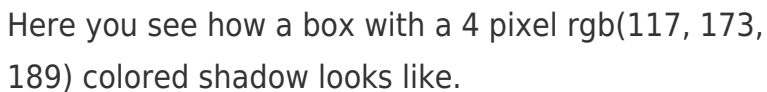
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 173, 189) }
```


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

```
.border{ border-color:rgb(117, 173, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 173, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 173, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 173, 189);  
box-shadow:4px 4px 4px 4px rgb(117, 173,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 158.0800, 15.2436, -36.0272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 173, 189) }
```

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

```
.background{ background-color: rgb(117,  
173, 189) }
```

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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