

Converting Colors

YUV(157.5580, 16.9799,
-32.9384)

Have a look what the booklet for
YUV(157.5580, 16.9799, -32.9384)
contains.

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Color

**YUV(157.5580, 16.9799,
-32.9384)**

Conversions

Conversions Part 1

Format	Color
Hex	78AAC0
RGB	120, 170, 192
RGB Percent	47%, 67%, 75%
CMY	0.5294, 0.3333, 0.2471
CMYK	0.38, 0.11, 0.00, 0.25
HSL	198°, 36%, 61%
HSV	198°, 38%, 75%
XYZ	31.6349, 36.5483, 55.2564
YIQ	157.5580, -36.8620, -3.7580

Conversions

Conversions Part 2

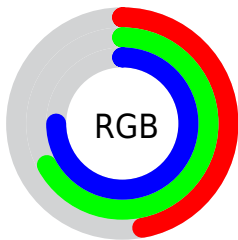
Format	Color
R _{YB}	120, 150, 192
Decimal	7908032
CIE Lab	66.94, -10.98, -16.53
CIE LCh	67, 19.847, 236.416
Yxy	36.5483, 0.2563, 0.2961
Android (android.graphics.Color)	4286098112 (0xFF78AAC0)
YUV	157.5580, 16.9799, -32.9384
Hunter-Lab	60.4552, -12.3914, -11.8728

Details

The YUV color **157.5580, 16.9799, -32.9384** is a light color, and the websafe version is hex **669999**. A complement of this color would be **154.4420, -16.9799, 32.9384**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6720, 17.4167, -33.0383**, and **105.1450, 16.6905, -33.4532** is the 20% darker color. If you saturate the color by 10%, you get **148.3550, 21.5170, -41.5303**, and if you desaturate by 10%, it is **166.7610, 12.4428, -24.3464**.

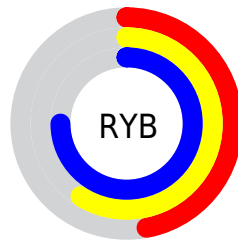
Distribution



Red (47%)

Green (67%)

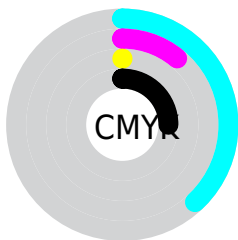
Blue (75%)



Red (47%)

Yellow (59%)

Blue (75%)

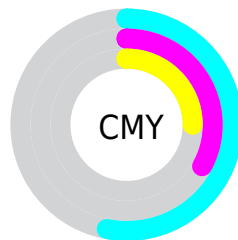


Cyan (38%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (53%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.5580, 16.9799, -32.9384 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 157.5580, 16.9799, -32.9384 by changing the saturation by 10% instead.

■ 157.5580, 16.9799,
-32.9384

■ 157.5580, 16.9799,
-32.9384

■ 255.0000, 0.0000,
0.0000

■ 131.1450, 16.6905,
-33.4532

■ 212.6720, 17.4167,
-33.0383

■ 105.1450, 16.6905,
-33.4532

■ 238.8650, 7.9546,
-31.4536

■ 79.4330, 16.5485,
-34.5827

■ 248.1230, 3.3904,
-14.1399

■ 52.7310, 17.8806,
-41.8601

■ 34.9990, 14.7905,
-30.6941

■ 20.7510, 10.9688,
-18.1986

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 157.5580, 16.9799,
-32.9384

■ 157.5580, 16.9799,
-32.9384

■ 148.3550, 21.5170,
-41.5303

■ 166.7610, 12.4428,
-24.3464

■ 139.1520, 26.0541,
-50.1223

■ 175.9640, 7.9057,
-15.7544

■ 129.6500, 30.7386,
-59.3290

■ 185.4660, 3.2213,
-6.5477

■ 121.0340, 34.9862,
-68.4358

■ 194.0820, -1.0264,
2.5591

■ 111.8310, 39.5233,
-77.0278

■ 203.2850, -5.5635,
11.1511

■ 102.6280, 44.0604,
-85.6198

■ 212.4880,
-10.1006, 19.7430

■ 99.9590, 45.3762,
-87.6640

■ 221.6910,
-14.6377, 28.3350

■ 225.5120,
-16.5214, 25.8610

■ 229.0340,
-18.2578, 22.7722

Harmonies

Analogous

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



155.9290, 10.8810, -36.7717



157.5580, 16.9799, -32.9384



160.9880, 18.2469, -19.2835

Triad

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



157.5580, 16.9799, -32.9384



165.8770, 0.0606, 27.2949



160.8030, -14.6929, -0.7042

Complementary

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



157.5580, 16.9799, -32.9384



154.4420, -16.9799, 32.9384

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.



162.5060, -17.5045, 14.4652



157.5580, 16.9799, -32.9384



165.3090, -8.5333, 30.4240

Square

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



157.5580, 16.9799, -32.9384



165.6890, 8.5343, 16.0587



163.9680, -14.7742, 25.4611



158.2400, -7.5133, -16.8735

Rectangle

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



157.5580, 16.9799, -32.9384



163.3100, 16.6092, -7.2879



163.9680, -14.7742, 25.4611



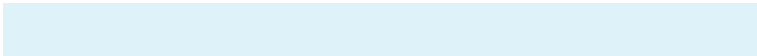
161.1950, -15.8721, 4.2140

Sweetspot

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



157.5580, 16.9799, -32.9384



236.9320, 6.4425, -13.0954



164.7720, -11.2266, -39.2650



117.2810, 3.8055, -7.2624



252.0000, 0.0000, 0.0000



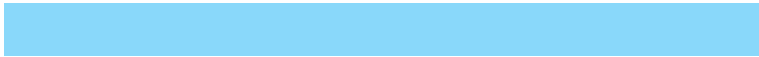
125.0000, 0.0000, 0.0000

Same Dimension

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



157.5580, 16.9799, -32.9384



196.2550, 26.4963, -51.9666



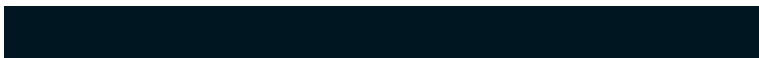
136.4260, 27.3980, -14.4056



92.2490, 2.3422, -4.6034



84.0980, 37.9127, -73.7539



17.2630, 7.7583, -15.1397

Inverse Universe

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



147.2280, 11.2266, 39.2650



179.7930, 17.8501, 61.5715



175.5740, -27.3980, 14.4056



90.7880, 1.5835, 5.4479



60.9070, 25.1888, 87.7816



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 157.5580, 16.9799, -32.9384 looks on a white background.

Color Contrast Check

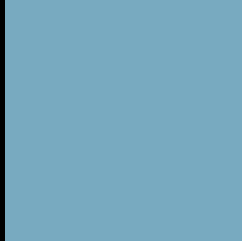
Large Text (above 18pt) WCAG AA × Fail

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 157.5580, 16.9799, -32.9384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

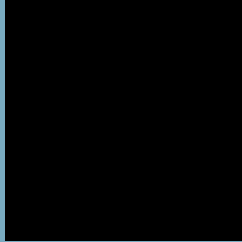
Any Text WCAG AA ✓ Pass

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 157.5580, 16.9799, -32.9384 Background



This preview shows how black text looks on a background with the YUV color 157.5580, 16.9799, -32.9384.



This preview shows how white text looks on a background with the YUV color 157.5580, 16.9799, -32.9384.

-32.9384.

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

157.5580, 16.9799, -32.9384

Protanopia

162.9530, 11.3622, -4.3438

Deuteranopia

163.8870, 14.8457, -1.6549



Tritanopia

156.7490, 13.9277, -33.9829

Trichromacy



Original Color

157.5580, 16.9799, -32.9384

Protanomaly

160.7560, 13.4313, -14.6950

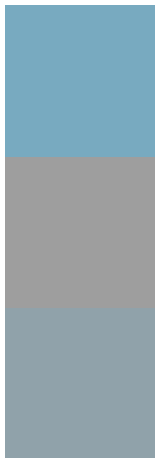
Deuteranomaly

161.6360, 15.4625, -12.8358

Tritanomaly

157.3900, 15.0907, -33.6680

Monochromacy



Original Color

157.5580, 16.9799, -32.9384

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.5300, 6.1477, -11.8658

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.5580, 16.9799, -32.9384 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(120, 170, 192)` looks like.

```
.text, #text, p{  
    color:rgb(120, 170, 192)  
}
```

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(120, 170, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 170, 192) }
```

Border

The CSS property to change the border of an element to YUV 157.5580, 16.9799, -32.9384 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(120, 170, 192) }
```


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

```
.border{ border-color:rgb(120, 170, 192) }
```

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

Here you see how a box with a 4 pixel rgb(120, 170, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 170, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 170, 192);  
box-shadow:4px 4px 4px 4px rgb(120, 170,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 157.5580, 16.9799, -32.9384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 170, 192) }
```

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

```
.background{ background-color: rgb(120,  
170, 192) }
```

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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