

Converting Colors

YUV(158.6610, 17.4221,
-34.7827)

Have a look what the booklet for
YUV(158.6610, 17.4221, -34.7827)
contains.

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Color

**YUV(158.6610, 17.4221,
-34.7827)**

Conversions

Conversions Part 1

Format	Color
Hex	77ACC2
RGB	119, 172, 194
RGB Percent	47%, 67%, 76%
CMY	0.5333, 0.3255, 0.2392
CMYK	0.39, 0.11, 0.00, 0.24
HSL	198°, 38%, 61%
HSV	198°, 39%, 76%
XYZ	32.0979, 37.3220, 56.5511
YIQ	158.6610, -38.6500, -4.3940

Conversions

Conversions Part 2

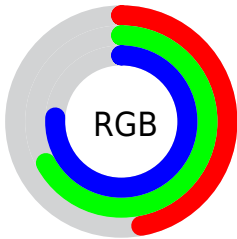
Format	Color
RYB	119, 150, 194
Decimal	7843010
CIELab	67.52, -11.80, -16.77
CIELCh	68, 20.505, 234.862
Yxy	37.3220, 0.2548, 0.2963
Android (android.graphics.Color)	4286033090 (0xFF77ACC2)
YUV	158.6610, 17.4221, -34.7827
Hunter-Lab	61.0918, -13.1259, -12.1190

Details

The YUV color **158.6610, 17.4221, -34.7827** is a light color, and the websafe version is hex **669999**. A complement of this color would be **154.3390, -17.4221, 34.7827**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8890, 18.2957, -34.9827**, and **106.1340, 16.6959, -35.1975** is the 20% darker color. If you saturate the color by 10%, you get **149.4580, 21.9592, -43.3747**, and if you desaturate by 10%, it is **167.8640, 12.8850, -26.1907**.

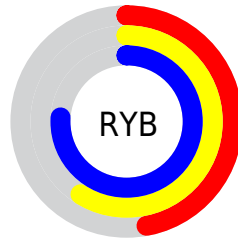
Distribution



Red (47%)

Green (67%)

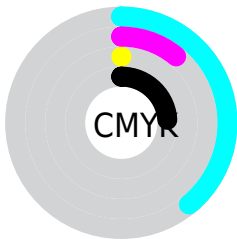
Blue (76%)



Red (47%)

Yellow (59%)

Blue (76%)

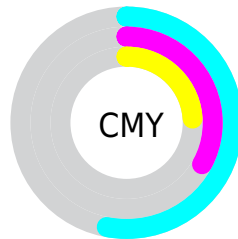


Cyan (39%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (53%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6610, 17.4221, -34.7827 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 158.6610, 17.4221, -34.7827 by changing the saturation by 10% instead.

■ 158.6610, 17.4221,
-34.7827

■ 158.6610, 17.4221,
-34.7827

255.0000, 0.0000,
0.0000

■ 131.6610, 17.4221,
-34.7827

■ 213.8890, 18.2957,
-34.9827

■ 106.1340, 16.6959,
-35.1975

■ 239.1530, 7.8126,
-32.5832

■ 80.2370, 17.1382,
-37.0418

■ 247.8240, 3.5378,
-14.7546

■ 52.2360, 18.6177,
-44.9340

■ 36.4010, 15.0853,
-31.9237

■ 21.4520, 11.1162,
-18.8134

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 158.6610, 17.4221,
-34.7827

■ 158.6610, 17.4221,
-34.7827

■ 149.4580, 21.9592,
-43.3747

■ 167.8640, 12.8850,
-26.1907

■ 140.5430, 26.3543,
-53.0962

■ 176.7790, 8.4900,
-16.4692

■ 131.3400, 30.8914,
-61.6882

■ 185.9820, 3.9529,
-7.8772

■ 121.8380, 35.5759,
-70.8949

■ 195.4840, -0.7316,
1.3295

■ 113.2220, 39.8236,
-80.0017

■ 204.1000, -4.9793,
10.4363

■ 104.0190, 44.3606,
-88.5937

■ 213.3030, -9.5164,
19.0283

■ 102.5350, 45.0922,
-89.9232

■ 222.8050,
-14.2009, 28.2350

■ 226.3270,
-15.9372, 25.1462

■ 229.2620,
-17.3842, 22.5722

Harmonies

Analogous

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



156.9180, 10.8864, -38.5161



158.6610, 17.4221, -34.7827



162.5040, 18.9785, -20.6130

Triad

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



158.6610, 17.4221, -34.7827



167.8770, 0.0606, 27.2949



161.9880, -15.2771, 0.0105

Complementary

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



158.6610, 17.4221, -34.7827



154.3390, -17.4221, 34.7827

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.



164.1040, -17.7993, 15.6948



158.6610, 17.4221, -34.7827



167.0210, -8.3914, 31.5536

Square

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



158.6610, 17.4221, -34.7827



167.5040, 9.1185, 15.3440



165.5660, -15.0690, 26.6906



160.0120, -8.3869, -16.6735

Rectangle

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



158.6610, 17.4221, -34.7827



164.8260, 17.3408, -8.6174



165.5660, -15.0690, 26.6906



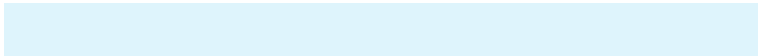
162.6790, -16.6037, 5.5435

Sweetspot

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



158.6610, 17.4221, -34.7827



238.3340, 6.7373, -14.3249



165.4190, -12.5316, -40.7095



119.0960, 4.3897, -7.9772



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



158.6610, 17.4221, -34.7827



197.3580, 26.9385, -53.8110



136.9420, 28.1296, -15.7351



92.2490, 2.3422, -4.6034



85.2720, 37.3339, -74.7835



17.2630, 7.7583, -15.1397

Inverse Universe

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



147.4670, 12.0948, 40.8094



180.0320, 18.7182, 63.1159



176.0580, -28.1296, 15.7351



90.7880, 1.5835, 5.4479



61.1350, 26.0624, 87.5816



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 158.6610, 17.4221, -34.7827 looks on a white background.

Color Contrast Check

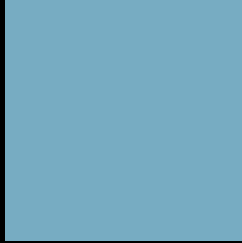
Large Text (above 18pt) WCAG AA × Fail

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 158.6610, 17.4221, -34.7827 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 158.6610, 17.4221, -34.7827

Background



This preview shows how black text looks on a background with the YUV color 158.6610, 17.4221, -34.7827.



This preview shows how white text looks on a background with the YUV color 158.6610, 17.4221, -34.7827.

-34.7827.

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

158.6610, 17.4221, -34.7827

Protanopia

164.9530, 11.3622, -4.3438

Deuteranopia

165.4140, 15.5719, -1.2401



Tritanopia

157.8520, 14.3700, -35.8272

Trichromacy



Original Color

158.6610, 17.4221, -34.7827

Protanomaly

162.4570, 13.5787, -15.3098

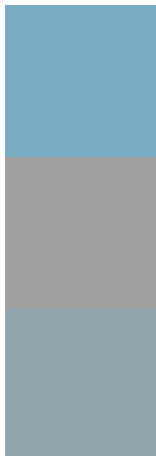
Deuteranomaly

162.8640, 16.3360, -13.0357

Tritanomaly

158.4930, 15.5330, -35.5124

Monochromacy



Original Color

158.6610, 17.4221, -34.7827

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9320, 6.4425, -13.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6610, 17.4221, -34.7827 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(119, 172, 194)` looks like.

```
.text, #text, p{  
    color:rgb(119, 172, 194)  
}
```

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(119, 172, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 172, 194) }
```

Border

The CSS property to change the border of an element to YUV 158.6610, 17.4221, -34.7827 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(119, 172, 194) }
```


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

```
.border{ border-color:rgb(119, 172, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 172, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 172, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 172, 194);  
box-shadow:4px 4px 4px 4px rgb(119, 172,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 158.6610, 17.4221, -34.7827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 172, 194) }
```

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

```
.background{ background-color: rgb(119,  
172, 194) }
```

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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