

Converting Colors

YUV(158.5300, 19.4587,
-34.6678)

Have a look what the booklet for
YUV(158.5300, 19.4587, -34.6678)
contains.

YUV(158.5300, 19.4587, -34.6678)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(158.5300, 19.4587,
-34.6678)**

Conversions

Conversions Part 1

Format	Color
Hex	77ABC6
RGB	119, 171, 198
RGB Percent	47%, 67%, 78%
CMY	0.5333, 0.3294, 0.2235
CMYK	0.40, 0.14, 0.00, 0.22
HSL	201°, 41%, 62%
HSV	201°, 40%, 78%
XYZ	32.3637, 37.1250, 58.8862
YIQ	158.5300, -39.6590, -2.6270

Conversions

Conversions Part 2

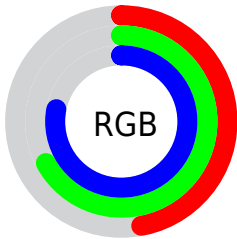
Format	Color
R _{YB}	119, 150, 198
Decimal	7842758
CIE _{Lab}	67.37, -10.21, -19.20
CIE _{LCh}	67, 21.749, 242.008
Y _{xy}	37.1250, 0.2521, 0.2892
Android (android.graphics.Color)	4286032838 (0xFF77ABC6)
YUV	158.5300, 19.4587, -34.6678
Hunter-Lab	60.9303, -11.8160, -14.6497

Details

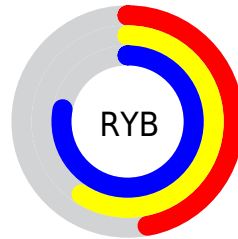
The YUV color **158.5300, 19.4587, -34.6678** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **158.4700, -19.4587, 34.6678**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7580, 20.3323, -34.8678**, and **105.7040, 18.8799, -35.6974** is the 20% darker color. If you saturate the color by 10%, you get **148.4410, 24.4326, -43.3598**, and if you desaturate by 10%, it is **168.6190, 14.4848, -25.9759**.

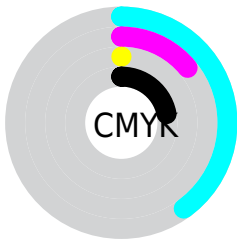
Distribution



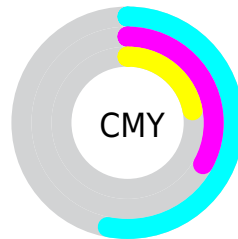
- Red (47%)
- Green (67%)
- Blue (78%)



- Red (47%)
- Yellow (59%)
- Blue (78%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5300, 19.4587, -34.6678 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 158.5300, 19.4587, -34.6678 by changing the saturation by 10% instead.

■ 158.5300, 19.4587,
-34.6678

■ 158.5300, 19.4587,
-34.6678

255.0000, 0.0000,
0.0000

■ 131.5300, 19.4587,
-34.6678

■ 213.7580, 20.3323,
-34.8678

■ 105.7040, 18.8799,
-35.6974

■ 239.1530, 7.8126,
-32.5832

■ 79.6930, 18.8854,
-37.4418

■ 247.8240, 3.5378,
-14.7546

■ 51.8060, 20.8016,
-45.4339

■ 36.1560, 16.6851,
-31.7088

■ 21.7940, 12.4266,
-19.1133

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 158.5300, 19.4587,
-34.6678

■ 158.5300, 19.4587,
-34.6678

■ 148.4410, 24.4326,
-43.3598

■ 168.6190, 14.4848,
-25.9759

■ 138.3520, 29.4065,
-52.0517

■ 178.7080, 9.5110,
-17.2839

■ 129.1490, 33.9435,
-60.6437

■ 187.9110, 4.9739,
-8.6919

■ 119.0600, 38.9174,
-69.3356

■ 198.0000, 0.0000,
0.0000

■ 108.9710, 43.8913,
-78.0276

■ 208.0890, -4.9739,
8.6919

■ 98.8820, 48.8652,
-86.7195

■ 218.1780, -9.9478,
17.3839

■ 226.7830,
-14.1900, 24.7463

■ 230.8920,
-16.2158, 21.1427

■ 235.0010,
-18.2415, 17.5391

Harmonies

Analogous

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



155.7050, 13.9494, -40.9603



158.5300, 19.4587, -34.6678



162.7540, 19.8413, -17.3243

Triad

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



158.5300, 19.4587, -34.6678



167.3290, -2.1342, 31.2835



160.7810, -14.6820, -4.1929

Complementary

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



158.5300, 19.4587, -34.6678



158.4700, -19.4587, 34.6678

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.



162.8540, -18.6620, 12.4060



158.5300, 19.4587, -34.6678



166.6360, -11.1595, 32.7682

Square

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



158.5300, 19.4587, -34.6678



167.7820, 7.5025, 20.3622



164.9850, -17.2476, 25.4462



158.1470, -6.4815, -21.1769

Rectangle

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



158.5300, 19.4587, -34.6678



165.1470, 17.1825, -4.5139



164.9850, -17.2476, 25.4462



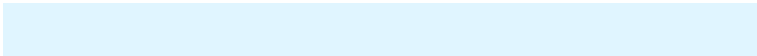
161.3580, -16.4455, 1.4400

Sweetspot

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



158.5300, 19.4587, -34.6678



239.8610, 7.4635, -13.9101



168.3370, -11.5051, -43.2685



118.5090, 4.6791, -7.4624



0.0000, 0.0000, 0.0000



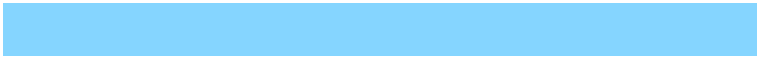
128.0000, 0.0000, 0.0000

Same Dimension

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



158.5300, 19.4587, -34.6678



193.8680, 30.1381, -53.3812



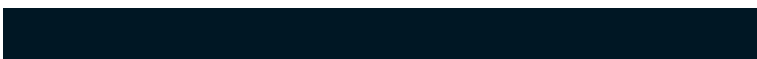
135.6370, 30.7450, -14.5906



94.5480, 2.1948, -3.9886



81.3910, 40.2332, -71.3799



17.6050, 9.0687, -15.4396

Inverse Universe

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



148.5490, 11.0683, 43.3685



178.5980, 16.9602, 67.0046



181.3630, -30.7450, 14.5906



93.3750, 1.2941, 4.9331



60.9350, 22.7100, 89.5110



13.3860, 4.7397, 19.8325

Previews

White Background



This preview shows how the YUV color 158.5300, 19.4587, -34.6678 looks on a white background.

Color Contrast Check

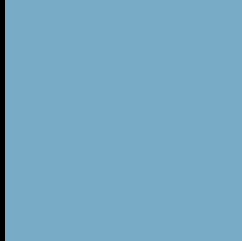
Large Text (above 18pt) WCAG AA × Fail

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 158.5300, 19.4587, -34.6678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

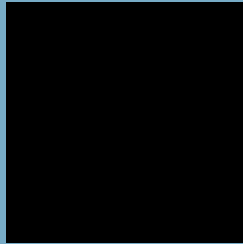
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.5300, 19.4587, -34.6678

Background



This preview shows how black text looks on a background with the YUV color 158.5300, 19.4587, -34.6678.



This preview shows how white text looks on a background with the YUV color 158.5300, 19.4587, -34.6678.

-34.6678.

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

158.5300, 19.4587, -34.6678

Protanopia

164.2240, 13.6936, -5.4584

Deuteranopia

164.8590, 17.3245, -3.3843



Tritanopia

157.5530, 14.5174, -36.4420

Trichromacy



Original Color

158.5300, 19.4587, -34.6678

Protanomaly

162.0270, 15.7627, -15.8097

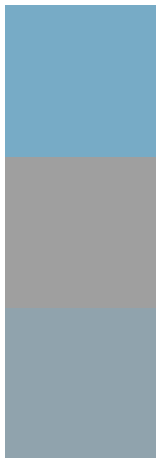
Deuteranomaly

162.6080, 17.9413, -14.5652

Tritanomaly

157.7210, 16.4065, -35.7123

Monochromacy



Original Color

158.5300, 19.4587, -34.6678

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.4590, 7.1687, -12.6805

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5300, 19.4587, -34.6678 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, 171, 198)` looks like.

```
.text, #text, p{  
    color:rgb(119, 171, 198)  
}
```

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, 171, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 171, 198) }
```

Border

The CSS property to change the border of an element to YUV 158.5300, 19.4587, -34.6678 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, 171, 198) }
```


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

```
.border{ border-color:rgb(119, 171, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 171, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 171, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 171, 198);  
box-shadow:4px 4px 4px 4px rgb(119, 171,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 158.5300, 19.4587, -34.6678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 171, 198) }
```

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

```
.background{ background-color: rgb(119,  
171, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor