

Converting Colors

YUV(158.7780, 26.7314,
-34.0083)

Have a look what the booklet for
YUV(158.7780, 26.7314, -34.0083)
contains.

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Color

**YUV(158.7780, 26.7314,
-34.0083)**

Conversions

Conversions Part 1

Format	Color
Hex	78A8D5
RGB	120, 168, 213
RGB Percent	47%, 66%, 84%
CMY	0.5294, 0.3412, 0.1647
CMYK	0.44, 0.21, 0.00, 0.16
HSL	209°, 53%, 65%
HSV	209°, 44%, 84%
XYZ	33.7586, 36.8024, 68.2751
YIQ	158.7780, -43.0530, 3.8190

Conversions

Conversions Part 2

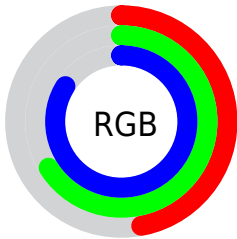
Format	Color
R _Y B	120, 152, 213
Decimal	7907541
CIE Lab	67.13, -4.22, -27.86
CIE LCh	67, 28.177, 261.389
Yxy	36.8024, 0.2432, 0.2651
Android (android.graphics.Color)	4286097621 (0xFF78A8D5)
YUV	158.7780, 26.7314, -34.0083
Hunter-Lab	60.6650, -6.8328, -24.2621

Details

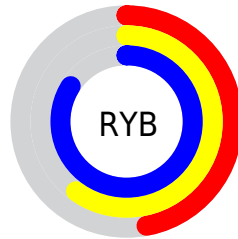
The YUV color **158.7780, 26.7314, -34.0083** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **174.2220, -26.7314, 34.0083**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5950, 20.9057, -32.0938**, and **105.5390, 25.8633, -35.5527** is the 20% darker color. If you saturate the color by 10%, you get **146.6290, 32.7209, -41.7706**, and if you desaturate by 10%, it is **170.9270, 20.7420, -26.2460**.

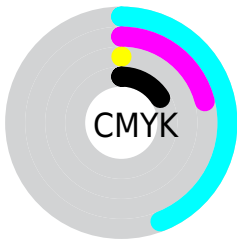
Distribution



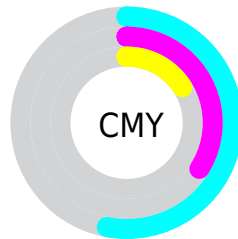
- Red (47%)
- Green (66%)
- Blue (84%)



- Red (47%)
- Yellow (60%)
- Blue (84%)



- Cyan (44%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (53%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7780, 26.7314, -34.0083 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 158.7780, 26.7314, -34.0083 by changing the saturation by 10% instead.

■ 158.7780, 26.7314,
-34.0083

■ 158.7780, 26.7314,
-34.0083

255.0000, 0.0000,
0.0000

■ 132.2510, 26.0053,
-34.4231

■ 212.5950, 20.9057,
-32.0938

■ 105.5390, 25.8633,
-35.5527

■ 237.9900, 8.3859,
-29.8092

■ 79.5170, 25.8741,
-39.0414

■ 248.4220, 3.2430,
-13.5251

■ 52.1140, 27.0588,
-45.7040

■ 36.3500, 22.5054,
-31.8789

■ 21.9880, 18.2469,
-19.2835

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 158.7780, 26.7314,
-34.0083

■ 158.7780, 26.7314,
-34.0083

■ 146.6290, 32.7209,
-41.7706

■ 170.9270, 20.7420,
-26.2460

■ 133.5940, 39.1472,
-49.6329

■ 183.9620, 14.3157,
-18.3837

■ 121.4450, 45.1366,
-57.3953

■ 196.1110, 8.3263,
-10.6213

■ 109.2960, 51.1261,
-65.1576

■ 208.2600, 2.3368,
-2.8590

■ 96.2610, 57.5523,
-73.0199

■ 221.2950, -4.0894,
5.0033

■ 88.8520, 61.2050,
-77.9232

■ 233.4440,
-10.0789, 12.7656

■ 241.4070,
-14.0047, 11.9211

■ 247.2770,
-16.8986, 6.7731

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



152.0760, 24.6125, -54.4407



158.7780, 26.7314, -34.0083



164.2160, 22.5715, -6.3284

Triad

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



158.7780, 26.7314, -34.0083



165.7450, -9.7343, 42.3196



157.1380, -12.8860, -20.2920

Complementary

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



158.7780, 26.7314, -34.0083



174.2220, -26.7314, 34.0083

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.



159.9900, -21.6871, 2.6398



158.7780, 26.7314, -34.0083



164.7800, -19.6115, 37.0269

Square

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



158.7780, 26.7314, -34.0083



167.2140, 2.3595, 36.6463



162.4270, -24.3675, 22.4275



152.9640, 1.0037, -42.0644

Rectangle

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



158.7780, 26.7314, -34.0083



166.9470, 17.2811, 10.5705



162.4270, -24.3675, 22.4275



157.9710, -16.2547, -13.1296

Sweetspot

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



158.7780, 26.7314, -34.0083



235.7410, 9.4947, -12.0509



179.7210, -7.2575, -52.3753



115.8510, 5.9895, -7.7623



0.0000, 0.0000, 0.0000



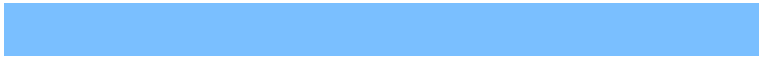
128.0000, 0.0000, 0.0000

Same Dimension

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



158.7780, 26.7314, -34.0083



177.6650, 38.1262, -48.8182



131.7760, 40.0434, -10.3276



100.7760, 3.0684, -4.1886



71.1500, 49.2260, -62.3986



17.8160, 12.4157, -15.6246

Inverse Universe

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



153.2790, 7.2575, 52.3753



169.6330, 10.5339, 74.8669



201.2240, -40.0434, 10.3276



99.9730, 0.9993, 6.1627



61.1610, 13.2316, 96.3288



15.3650, 3.2711, 24.2359

Previews

White Background



This preview shows how the YUV color 158.7780, 26.7314, -34.0083 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 158.7780, 26.7314, -34.0083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

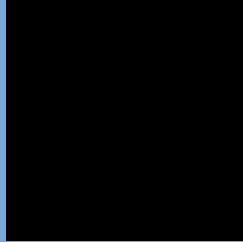
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.7780, 26.7314, -34.0083

Background



This preview shows how black text looks on a background with the YUV color 158.7780, 26.7314, -34.0083.



This preview shows how white text looks on a background with the YUV color 158.7780, 26.7314, -34.0083.

-34.0083.

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

158.7780, 26.7314, -34.0083

Protanopia

163.3680, 22.0036, -10.8467

Deuteranopia

163.2800, 25.4980, -11.6466



Tritanopia

156.6560, 14.9596, -38.2863

Trichromacy



Original Color

158.7780, 26.7314, -34.0083

Protanomaly

162.0680, 23.6305, -19.3536

Deuteranomaly

161.6380, 25.8145, -19.8535

Tritanomaly

157.4050, 19.0273, -36.3122

Monochromacy



Original Color

158.7780, 26.7314, -34.0083

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8550, 9.9315, -12.1508

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7780, 26.7314, -34.0083 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, 168, 213)` looks like.

```
.text, #text, p{  
    color:rgb(120, 168, 213)  
}
```

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, 168, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 168, 213) }
```

Border

The CSS property to change the border of an element to YUV 158.7780, 26.7314, -34.0083 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, 168, 213) }
```


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

```
.border{ border-color:rgb(120, 168, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 168, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 168, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 168, 213); box-shadow:4px 4px 4px 4px rgb(120, 168, 213) }
```

Background

The CSS property to change the background color of an element to YUV 158.7780, 26.7314, -34.0083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 168, 213) }
```

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

```
.background{ background-color: rgb(120,  
168, 213) }
```

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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