

Converting Colors

YUV(133.0040, 34.0150,
-36.8375)

Have a look what the booklet for
YUV(133.0040, 34.0150, -36.8375)
contains.

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Color

**YUV(133.0040, 34.0150,
-36.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8DCA
RGB	91, 141, 202
RGB Percent	36%, 55%, 79%
CMY	0.6431, 0.4471, 0.2078
CMYK	0.55, 0.30, 0.00, 0.21
HSL	213°, 51%, 57%
HSV	213°, 55%, 79%
XYZ	24.4999, 25.5382, 59.5152
YIQ	133.0040, -49.3810, 8.3710

Conversions

Conversions Part 2

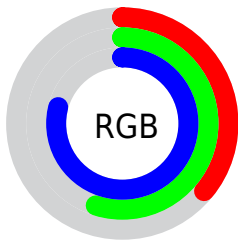
Format	Color
R_{YB}	91, 125, 202
Decimal	6000074
CIE _{Lab}	57.60, 0.98, -36.64
CIE _{LCh}	58, 36.649, 271.539
Yxy	25.5382, 0.2236, 0.2331
Android (android.graphics.Color)	4284190154 (0xFF5B8DCA)
YUV	133.0040, 34.0150, -36.8375
Hunter-Lab	50.5353, -1.8985, -34.4508

Details

The YUV color **133.0040, 34.0150, -36.8375** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **159.9960, -34.0150, 36.8375**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2000, 33.4254, -34.3784**, and **78.0630, 34.4789, -45.6593** is the 20% darker color. If you saturate the color by 10%, you get **120.5670, 40.1465, -43.4703**, and if you desaturate by 10%, it is **145.4410, 27.8836, -30.2048**.

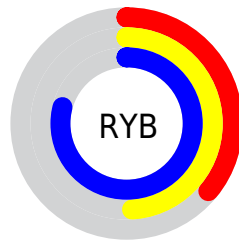
Distribution



Red (36%)

Green (55%)

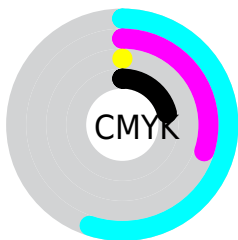
Blue (79%)



Red (36%)

Yellow (49%)

Blue (79%)

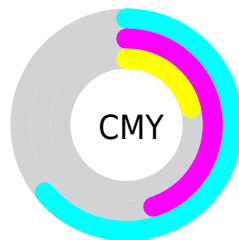


Cyan (55%)

Magenta (30%)

Yellow (0%)

Black (21%)



Cyan (64%)

Magenta (45%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.0040, 34.0150, -36.8375 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 133.0040, 34.0150, -36.8375 by changing the saturation by 10% instead.

■ 133.0040, 34.0150,
-36.8375

■ 133.0040, 34.0150,
-36.8375

255.0000, 0.0000,
0.0000

■ 106.1670, 33.4417,
-39.6115

■ 187.2000, 33.4254,
-34.3784

■ 78.0630, 34.4789,
-45.6593

■ 212.0080, 21.1951,
-31.5790

■ 53.8240, 33.6108,
-47.2036

■ 237.7020, 8.5279,
-28.6797

■ 37.9460, 28.6206,
-33.2786

■ 249.0200, 2.9481,
-12.2955

■ 23.4700, 23.9253,
-20.5832

■ 7.9340, 20.2455,
-6.9581

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 133.0040, 34.0150,
-36.8375

■ 133.0040, 34.0150,
-36.8375

■ 120.5670, 40.1465,
-43.4703

■ 145.4410, 27.8836,
-30.2048

■ 108.1300, 46.2779,
-50.1030

■ 157.8780, 21.7521,
-23.5720

■ 95.3940, 52.5568,
-57.3505

■ 170.6140, 15.4733,
-16.3245

■ 82.9570, 58.6882,
-63.9833

■ 183.0510, 9.3419,
-9.6917

■ 76.4450, 61.8986,
-67.0423

■ 196.0750, 2.9210,
-3.5738

■ 208.5120, -3.2104,
3.0590

■ 220.9490, -9.3419,
9.6917

■ 233.6850,
-15.6207, 16.9393

■ 240.7400,
-19.0988, 12.5060

Harmonies

Analogous

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



110.1660, 41.3302, -96.6156



133.0040, 34.0150, -36.8375



140.7810, 25.7440, 2.8231

Triad

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



133.0040, 34.0150, -36.8375



139.4920, -16.0186, 51.3115



126.5380, -9.6322, -37.3058

Complementary

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



133.0040, 34.0150, -36.8375



159.9960, -34.0150, 36.8375

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.



132.1260, -24.7121, -7.1265



133.0040, 34.0150, -36.8375



138.1410, -27.1845, 39.3413

Square

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



133.0040, 34.0150, -36.8375



141.2650, -1.6096, 49.7566



135.6840, -30.9032, 18.6941



114.3060, 12.1741, -78.3214

Rectangle

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



133.0040, 34.0150, -36.8375



142.7360, 17.3852, 23.9105



135.6840, -30.9032, 18.6941



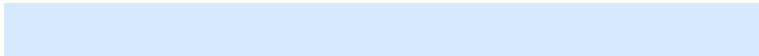
128.9970, -15.7745, -27.1844

Sweetspot

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



133.0040, 34.0150, -36.8375



229.8270, 12.4103, -13.8803



162.8830, -6.3513, -63.0414



112.3070, 7.7366, -8.1622



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.



133.0040, 34.0150, -36.8375



150.7640, 51.3883, -55.9210



104.8500, 47.8950, -8.6384



95.4880, 3.2104, -3.0590



62.9490, 50.8041, -55.2063



14.3110, 11.6787, -12.5507

Inverse Universe

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



129.8890, 5.4777, 63.2413



145.8960, 8.4323, 95.6842



188.1500, -47.8950, 8.6384



95.4460, 0.2731, 5.7479



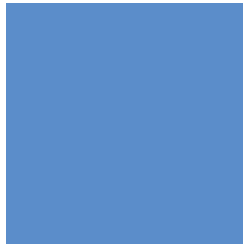
58.1840, 8.2903, 94.5546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 133.0040, 34.0150, -36.8375 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.0040, 34.0150, -36.8375 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 × Fail

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

YUV 133.0040, 34.0150, -36.8375

Background



This preview shows how black text looks on a background with the YUV color 133.0040, 34.0150, -36.8375.

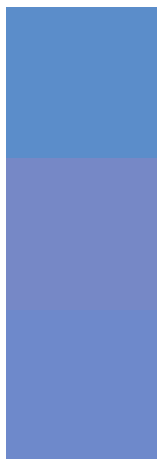


This preview shows how white text looks on a background with the YUV color 133.0040, 34.0150, -36.8375.

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

133.0040, 34.0150, -36.8375

Protanopia

137.6860, 29.7348, -17.2646

Deuteranopia

136.4510, 32.8087, -23.1975



Tritanopia

128.5410, 16.0023, -46.0785

Trichromacy



Original Color

133.0040, 34.0150, -36.8375

Protanomaly

135.9840, 31.0669, -24.5420

Deuteranomaly

134.9450, 33.5511, -28.0158

Tritanomaly

129.9850, 22.6854, -42.9598

Monochromacy



Original Color

133.0040, 34.0150, -36.8375

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1260, 12.2629, -13.2655

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0040, 34.0150, -36.8375 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(91, 141, 202)` looks like.

```
.text, #text, p{  
    color:rgb(91, 141, 202)  
}
```

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(91, 141, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 141, 202) }
```

Border

The CSS property to change the border of an element to YUV 133.0040, 34.0150, -36.8375 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(91, 141, 202) }
```


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

```
.border{ border-color:rgb(91, 141, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 141, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 141, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 141, 202);  
box-shadow:4px 4px 4px 4px rgb(91, 141,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 133.0040, 34.0150, -36.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 141, 202) }
```

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

```
.background{ background-color: rgb(91, 141,  
202) }
```

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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