

Converting Colors

YUV(133.0630, 34.4789,
-45.6593)

Have a look what the booklet for
YUV(133.0630, 34.4789, -45.6593)
contains.

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Color

**YUV(133.0630, 34.4789,
-45.6593)**

Conversions

Conversions Part 1

Format	Color
Hex	5192CB
RGB	81, 146, 203
RGB Percent	32%, 57%, 80%
CMY	0.6824, 0.4275, 0.2039
CMYK	0.60, 0.28, 0.00, 0.20
HSL	208°, 54%, 56%
HSV	208°, 60%, 80%
XYZ	24.4517, 26.6189, 60.3491
YIQ	133.0630, -57.0370, 3.9470

Conversions

Conversions Part 2

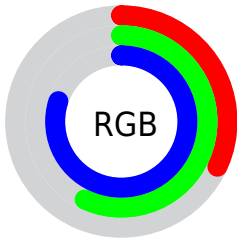
Format	Color
R _Y B	81, 123, 203
Decimal	5345995
CIE Lab	58.62, -3.64, -35.63
CIE LCh	59, 35.816, 264.171
Yxy	26.6189, 0.2195, 0.2389
Android (android.graphics.Color)	4283536075 (0xFF5192CB)
YUV	133.0630, 34.4789, -45.6593
Hunter-Lab	51.5935, -5.6921, -33.2363

Details

The YUV color **133.0630, 34.4789, -45.6593** 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 **150.9370, -34.4789, 45.6593**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0310, 33.0157, -43.0002**, and **73.3380, 37.3014, -64.3174** is the 20% darker color. If you saturate the color by 10%, you get **121.8000, 40.0316, -53.3216**, and if you desaturate by 10%, it is **144.3260, 28.9263, -37.9969**.

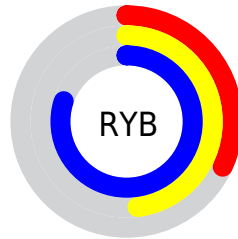
Distribution



Red (32%)

Green (57%)

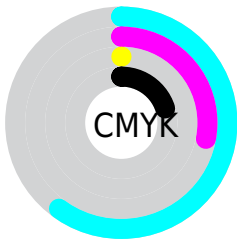
Blue (80%)



Red (32%)

Yellow (48%)

Blue (80%)

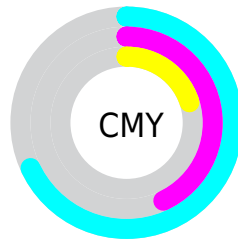


Cyan (60%)

Magenta (28%)

Yellow (0%)

Black (20%)



Cyan (68%)

Magenta (43%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.0630, 34.4789, -45.6593 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 133.0630, 34.4789, -45.6593 by changing the saturation by 10% instead.

■ 133.0630, 34.4789,
-45.6593

■ 133.0630, 34.4789,
-45.6593

255.0000, 0.0000,
0.0000

■ 105.0410, 34.4898,
-49.1480

■ 188.0310, 33.0157,
-43.0002

■ 73.3380, 37.3014,
-64.3174

■ 213.1380, 20.6380,
-39.5860

■ 56.2860, 32.8900,
-49.3628

■ 237.9570, 8.4022,
-35.0423

■ 40.4080, 27.8999,
-35.4378

■ 246.6280, 4.1274,
-17.2138

■ 25.9320, 23.2045,
-22.7424

■ 8.0480, 20.6823,
-7.0581

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 133.0630, 34.4789,
-45.6593

■ 133.0630, 34.4789,
-45.6593

■ 121.8000, 40.0316,
-53.3216

■ 144.3260, 28.9263,
-37.9969

■ 109.6510, 46.0211,
-61.0839

■ 156.4750, 22.9368,
-30.2346

■ 98.3880, 51.5737,
-68.7463

■ 167.7380, 17.3842,
-22.5722

■ 86.5380, 57.4158,
-75.8938

■ 179.5880, 11.5421,
-15.4247

■ 191.1500, 5.8421,
-7.1475

■ 203.0000, 0.0000,
0.0000

■ 214.2630, -5.5527,
7.6623

■ 226.1130,
-11.3947, 14.8099

■ 234.9840,
-15.7681, 17.5540

Harmonies

Analogous

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



112.1720, 38.8622, -98.3748



133.0630, 34.4789, -45.6593



142.1820, 27.5183, -6.2986

Triad

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



133.0630, 34.4789, -45.6593



142.7030, -12.6716, 51.1265



131.4420, -14.0219, -29.3286

Complementary

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



133.0630, 34.4789, -45.6593



150.9370, -34.4789, 45.6593

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.



136.0020, -26.6230, -0.8788



133.0630, 34.4789, -45.6593



141.1460, -24.7220, 42.8450

Square

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



133.0630, 34.4789, -45.6593



144.4540, 1.7482, 46.0828



139.2440, -30.1933, 24.3420



122.9830, 5.4314, -62.2521

Rectangle

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



133.0630, 34.4789, -45.6593



144.4900, 20.4644, 16.2333



139.2440, -30.1933, 24.3420



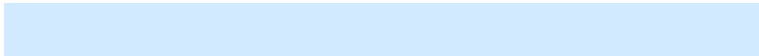
133.2430, -18.8538, -19.5071

Sweetspot

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



133.0630, 34.4789, -45.6593



228.9190, 12.8579, -17.4690



159.1120, -10.4082, -68.5042



111.1110, 8.3263, -10.6213



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.



133.0630, 34.4789, -45.6593



149.5020, 52.0105, -68.8463



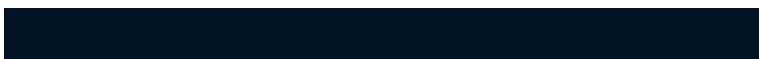
97.2560, 52.1318, -14.2565



96.0750, 2.9210, -3.5738



70.5800, 47.0421, -61.8987



16.0720, 10.8105, -14.0951

Inverse Universe

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



124.8880, 10.4082, 68.5042



137.1880, 15.6833, 103.3211



186.7440, -52.1318, 14.2565



95.5600, 0.7099, 5.6479



59.6660, 13.9687, 93.2549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 133.0630, 34.4789, -45.6593 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 133.0630, 34.4789, -45.6593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

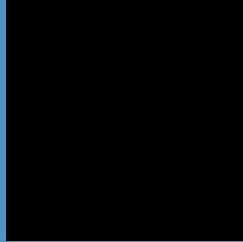
Any Text WCAG AA ✓ Pass

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 133.0630, 34.4789, -45.6593 Background



This preview shows how black text looks on a background with the YUV color 133.0630, 34.4789, -45.6593.



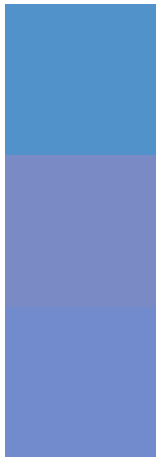
This preview shows how white text looks on a background with the YUV color 133.0630, 34.4789, -45.6593.

-45.6593.

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

133.0630, 34.4789, -45.6593

Protanopia

139.9420, 28.1296, -15.7351

Deuteranopia

139.0490, 32.5138, -21.9680



Tritanopia

127.7570, 18.3608, -55.9149

Trichromacy



Original Color

133.0630, 34.4789, -45.6593

Protanomaly

137.4460, 30.3461, -26.7011

Deuteranomaly

137.1080, 32.9778, -30.7897

Tritanomaly

129.3860, 24.4597, -52.0815

Monochromacy



Original Color

133.0630, 34.4789, -45.6593

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1040, 12.2737, -16.7542

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0630, 34.4789, -45.6593 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(81, 146, 203)` looks like.

```
.text, #text, p{  
    color:rgb(81, 146, 203)  
}
```

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(81, 146, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 146, 203) }
```

Border

The CSS property to change the border of an element to YUV 133.0630, 34.4789, -45.6593 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(81, 146, 203) }
```


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

```
.border{ border-color:rgb(81, 146, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 146, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 146, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 146, 203);  
box-shadow:4px 4px 4px 4px rgb(81, 146,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 133.0630, 34.4789, -45.6593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 146, 203) }
```

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

```
.background{ background-color: rgb(81, 146,  
203) }
```

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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