

Converting Colors

YUV(134.4760, 34.7683,
-45.1445)

Have a look what the booklet for
YUV(134.4760, 34.7683, -45.1445)
contains.

YUV(134.4760, 34.7683, -45.1445)	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(134.4760, 34.7683,
-45.1445)**

Conversions

Conversions Part 1

Format	Color
Hex	5393CD
RGB	83, 147, 205
RGB Percent	33%, 58%, 80%
CMY	0.6745, 0.4235, 0.1961
CMYK	0.60, 0.28, 0.00, 0.20
HSL	209°, 55%, 56%
HSV	209°, 60%, 80%
XYZ	25.0204, 27.1142, 61.6725
YIQ	134.4760, -56.7620, 4.4700

Conversions

Conversions Part 2

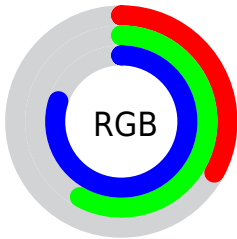
Format	Color
R_{YB}	83, 125, 205
Decimal	5477325
CIE _{Lab}	59.08, -3.17, -36.03
CIE _{LCh}	59, 36.169, 264.966
Yxy	27.1142, 0.2198, 0.2382
Android (android.graphics.Color)	4283667405 (0xFF5393CD)
YUV	134.4760, 34.7683, -45.1445
Hunter-Lab	52.0713, -5.3549, -33.7722

Details

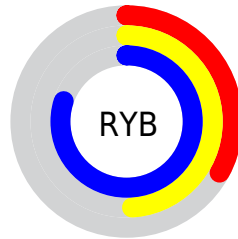
The YUV color **134.4760, 34.7683, -45.1445** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **153.5240, -34.7683, 45.1445**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2160, 32.4315, -42.2854**, and **74.0390, 37.4488, -64.9322** is the 20% darker color. If you saturate the color by 10%, you get **122.6260, 40.6104, -52.2920**, and if you desaturate by 10%, it is **146.6250, 28.7789, -37.3821**.

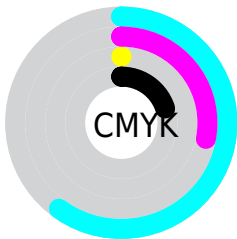
Distribution



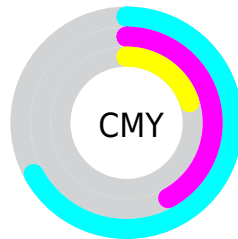
- Red (33%)
- Green (58%)
- Blue (80%)



- Red (33%)
- Yellow (49%)
- Blue (80%)



- Cyan (60%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.4760, 34.7683, -45.1445 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 134.4760, 34.7683, -45.1445 by changing the saturation by 10% instead.

■ 134.4760, 34.7683,
-45.1445

■ 134.4760, 34.7683,
-45.1445

■ 255.0000, 0.0000,
0.0000

■ 106.4540, 34.7792,
-48.6332

■ 189.2160, 32.4315,
-42.2854

■ 74.0390, 37.4488,
-64.9322

■ 214.3230, 20.0538,
-38.8713

■ 56.9870, 33.0374,
-49.9776

■ 238.5550, 8.1074,
-33.8127

■ 41.2230, 28.4841,
-36.1526

■ 247.2260, 3.8326,
-15.9842

■ 26.1600, 24.0781,
-22.9423

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 134.4760, 34.7683,
-45.1445

■ 134.4760, 34.7683,
-45.1445

■ 122.6260, 40.6104,
-52.2920

■ 146.6250, 28.7789,
-37.3821

■ 111.0640, 46.3104,
-60.5691

■ 157.8880, 23.2262,
-29.7198

■ 99.2140, 52.1525,
-67.7167

■ 170.0370, 17.2368,
-21.9574

■ 87.0650, 58.1420,
-75.4790

■ 181.8870, 11.3947,
-14.8099

■ 86.7660, 58.2894,
-76.0938

■ 194.0360, 5.4053,
-7.0476

■ 205.2990, -0.1474,
0.6148

■ 217.4480, -6.1369,
8.3771

■ 229.2980,
-11.9789, 15.5247

■ 237.5600,
-16.0521, 15.2949

Harmonies

Analogous

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



112.9870, 39.4464, -99.0896



134.4760, 34.7683, -45.1445



143.8940, 27.6603, -5.1690

Triad

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



134.4760, 34.7683, -45.1445



143.8880, -13.2558, 51.8412



132.2570, -13.4377, -30.0434

Complementary

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



134.4760, 34.7683, -45.1445



153.5240, -34.7683, 45.1445

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.



137.0020, -26.6230, -0.8788



134.4760, 34.7683, -45.1445



142.0320, -25.1588, 42.9449

Square

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



134.4760, 34.7683, -45.1445



145.1660, 1.8902, 47.2124



139.8310, -30.4827, 23.8272



124.0860, 5.8736, -64.0964

Rectangle

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



134.4760, 34.7683, -45.1445



146.0880, 20.1696, 17.4628



139.8310, -30.4827, 23.8272



133.9440, -18.7064, -20.1219

Sweetspot

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



134.4760, 34.7683, -45.1445



228.3320, 13.1473, -16.9542



161.1120, -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.



134.4760, 34.7683, -45.1445



150.3990, 51.5683, -67.0019



99.2560, 52.1318, -14.2565



96.0750, 2.9210, -3.5738



69.9930, 47.3315, -61.3839



16.0720, 10.8105, -14.0951

Inverse Universe

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



126.7740, 9.9714, 68.6042



138.9490, 14.8151, 101.7767



188.7440, -52.1318, 14.2565



95.5600, 0.7099, 5.6479



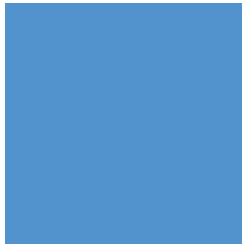
59.5520, 13.5319, 93.3549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 134.4760, 34.7683, -45.1445 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 134.4760, 34.7683, -45.1445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

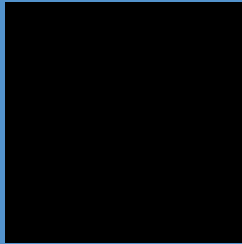
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.4760, 34.7683, -45.1445

Background



This preview shows how black text looks on a background with the YUV color 134.4760, 34.7683, -45.1445.



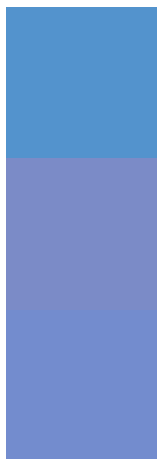
This preview shows how white text looks on a background with the YUV color 134.4760, 34.7683, -45.1445.

-45.1445.

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

134.4760, 34.7683, -45.1445

Protanopia

141.0560, 28.5664, -15.8351

Deuteranopia

140.0490, 32.5138, -21.9680



Tritanopia

129.1700, 18.6502, -55.4001

Trichromacy



Original Color

134.4760, 34.7683, -45.1445

Protanomaly

138.5600, 30.7829, -26.8011

Deuteranomaly

138.2220, 33.4146, -30.8897

Tritanomaly

130.7990, 24.7491, -51.5667

Monochromacy



Original Color

134.4760, 34.7683, -45.1445

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.2180, 12.7105, -16.8542

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.4760, 34.7683, -45.1445 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(83, 147, 205)` looks like.

```
.text, #text, p{  
    color:rgb(83, 147, 205)  
}
```

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(83, 147, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 147, 205) }
```

Border

The CSS property to change the border of an element to YUV 134.4760, 34.7683, -45.1445 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(83, 147, 205) }
```


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

```
.border{ border-color:rgb(83, 147, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 147, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 147, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 147, 205);  
box-shadow:4px 4px 4px 4px rgb(83, 147,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 134.4760, 34.7683, -45.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 147, 205) }
```

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

```
.background{ background-color: rgb(83, 147,  
205) }
```

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