

Converting Colors

YUV(134.3860, 44.6727,
-48.5735)

Have a look what the booklet for
YUV(134.3860, 44.6727, -48.5735)
contains.

YUV(134.3860, 44.6727, -48.5735)	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(134.3860, 44.6727,
-48.5735)**

Conversions

Conversions Part 1

Format	Color
Hex	4F91E1
RGB	79, 145, 225
RGB Percent	31%, 57%, 88%
CMY	0.6902, 0.4314, 0.1176
CMYK	0.65, 0.36, 0.00, 0.12
HSL	213°, 71%, 60%
HSV	213°, 65%, 88%
XYZ	26.9405, 27.3493, 75.0932
YIQ	134.3860, -65.0160, 10.8880

Conversions

Conversions Part 2

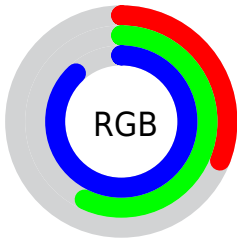
Format	Color
R_{YB}	79, 124, 225
Decimal	5214689
CIE Lab	59.30, 3.89, -46.88
CIE LCh	59, 47.043, 274.742
Yxy	27.3493, 0.2082, 0.2114
Android (android.graphics.Color)	4283404769 (0xFF4F91E1)
YUV	134.3860, 44.6727, -48.5735
Hunter-Lab	52.2966, 0.4349, -48.5275

Details

The YUV color **134.3860, 44.6727, -48.5735** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **169.6140, -44.6727, 48.5735**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0420, 33.0103, -41.2558**, and **75.0310, 46.3267, -65.8022** is the 20% darker color. If you saturate the color by 10%, you get **120.7640, 51.3883, -55.9210**, and if you desaturate by 10%, it is **148.3070, 37.8096, -40.6112**.

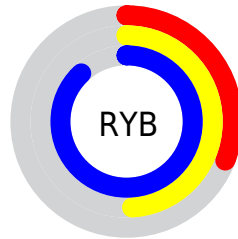
Distribution



Red (31%)

Green (57%)

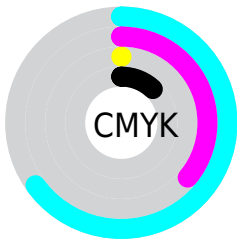
Blue (88%)



Red (31%)

Yellow (49%)

Blue (88%)

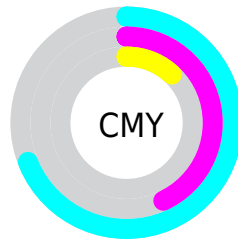


Cyan (65%)

Magenta (36%)

Yellow (0%)

Black (12%)



Cyan (69%)

Magenta (43%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.3860, 44.6727, -48.5735 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 134.3860, 44.6727, -48.5735 by changing the saturation by 10% instead.

■ 134.3860, 44.6727,
-48.5735

■ 134.3860, 44.6727,
-48.5735

255.0000, 0.0000,
0.0000

■ 105.4560, 45.1312,
-55.6509

■ 188.0420, 33.0103,
-41.2558

■ 75.0310, 46.3267,
-65.8022

■ 212.8610, 20.7745,
-36.7121

■ 58.4520, 41.1892,
-51.2624

■ 238.5550, 8.1074,
-33.8127

■ 42.5740, 36.1990,
-37.3374

■ 247.8240, 3.5378,
-14.7546

■ 27.9840, 31.0669,
-24.5420

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 134.3860, 44.6727,
-48.5735

■ 134.3860, 44.6727,
-48.5735

■ 120.7640, 51.3883,
-55.9210

■ 148.3070, 37.8096,
-40.6112

■ 106.2560, 58.5408,
-63.3685

■ 162.5160, 30.8046,
-33.7785

■ 92.3350, 65.4038,
-71.3308

■ 176.4370, 23.9416,
-25.8162

■ 85.5240, 68.7617,
-75.0045

■ 190.0590, 17.2259,
-18.4687

■ 204.5670, 10.0735,
-11.0213

■ 218.1890, 3.3578,
-3.6738

■ 231.8110, -3.3578,
3.6738

■ 245.1230, -9.9206,
8.6621

■ 251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



116.3100, 49.6402, -102.0039



134.3860, 44.6727, -48.5735



145.8230, 32.1323, 7.1712

Triad

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



134.3860, 44.6727, -48.5735



142.0870, -21.7349, 64.8217



123.9330, -8.8410, -57.8232

Complementary

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



134.3860, 44.6727, -48.5735



169.6140, -44.6727, 48.5735

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.



133.5890, -30.3634, -14.5486



134.3860, 44.6727, -48.5735



141.1930, -36.0841, 47.1887

Square

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



134.3860, 44.6727, -48.5735



144.0220, -2.9688, 65.7557



138.2790, -40.0705, 19.0493



113.1400, 17.1860, -99.2238

Rectangle

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



134.3860, 44.6727, -48.5735



146.9530, 21.7152, 35.1212



138.2790, -40.0705, 19.0493



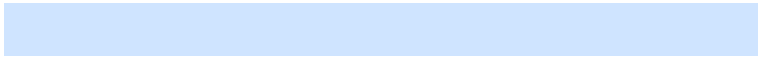
128.4530, -17.4783, -40.7393

Sweetspot

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



134.3860, 44.6727, -48.5735



224.7990, 14.8891, -15.6097



173.5940, -8.1808, -82.9589



109.0510, 9.3419, -9.6917



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.



134.3860, 44.6727, -48.5735



131.5160, 60.8776, -66.2275



97.1390, 63.0355, -11.5229



105.1890, 3.3578, -3.6738



67.0240, 53.7252, -58.7800



18.3860, 14.5997, -16.1245

Inverse Universe

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



130.1780, 7.3072, 83.1589



125.7610, 9.9778, 113.3426



206.8610, -63.0355, 11.5229



104.8590, 0.5625, 6.2627



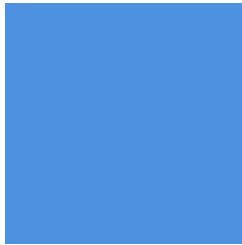
61.7440, 9.0002, 100.2025



16.8600, 2.5340, 27.3098

Previews

White Background



This preview shows how the YUV color 134.3860, 44.6727, -48.5735 looks on a white background.

Color Contrast Check

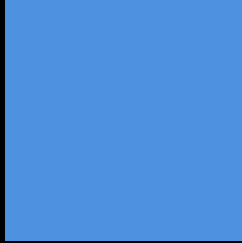
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.3860, 44.6727, -48.5735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

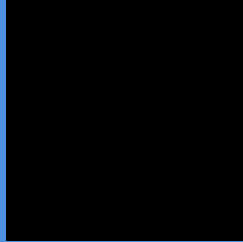
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.3860, 44.6727, -48.5735

Background



This preview shows how black text looks on a background with the YUV color 134.3860, 44.6727, -48.5735.



This preview shows how white text looks on a background with the YUV color 134.3860, 44.6727, -48.5735.

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

134.3860, 44.6727, -48.5735

Protanopia

140.4600, 39.2132, -24.0824

Deuteranopia

137.5230, 43.6192, -37.2927



Tritanopia

124.8910, 21.7457, -68.3104

Trichromacy



Original Color

134.3860, 44.6727, -48.5735

Protanomaly

138.2740, 41.2769, -32.6893

Deuteranomaly

136.3160, 44.2142, -41.4961

Tritanomaly

128.4110, 29.8704, -60.8734

Monochromacy



Original Color

134.3860, 44.6727, -48.5735

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.1300, 16.2049, -17.6540

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.3860, 44.6727, -48.5735 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(79, 145, 225)` looks like.

```
.text, #text, p{  
    color:rgb(79, 145, 225)  
}
```

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(79, 145, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 145, 225) }
```

Border

The CSS property to change the border of an element to YUV 134.3860, 44.6727, -48.5735 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(79, 145, 225) }
```


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

```
.border{ border-color:rgb(79, 145, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 145, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 145, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 145, 225);  
box-shadow:4px 4px 4px 4px rgb(79, 145,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 134.3860, 44.6727, -48.5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 145, 225) }
```

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

```
.background{ background-color: rgb(79, 145,  
225) }
```

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