

Converting Colors

YUV(145.4310, 39.7205,
-46.8590)

Have a look what the booklet for
YUV(145.4310, 39.7205, -46.8590)
contains.

YUV(145.4310, 39.7205, -46.8590)	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(145.4310, 39.7205,
-46.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9DE2
RGB	92, 157, 226
RGB Percent	36%, 62%, 89%
CMY	0.6392, 0.3843, 0.1137
CMYK	0.59, 0.31, 0.00, 0.11
HSL	211°, 70%, 62%
HSV	211°, 59%, 89%
XYZ	30.1981, 31.8802, 76.5134
YIQ	145.4310, -60.8890, 7.6790

Conversions

Conversions Part 2

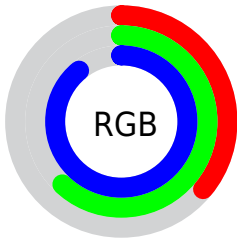
Format	Color
R _Y B	92, 136, 226
Decimal	6069730
CIE Lab	63.24, -0.39, -41.18
CIE LCh	63, 41.184, 269.460
Yxy	31.8802, 0.2179, 0.2300
Android (android.graphics.Color)	4284259810 (0xFF5C9DE2)
YUV	145.4310, 39.7205, -46.8590
Hunter-Lab	56.4626, -3.3418, -40.8211

Details

The YUV color **145.4310, 39.7205, -46.8590** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **172.5690, -39.7205, 46.8590**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.0760, 28.0635, -41.2857**, and **85.4890, 41.6639, -63.5729** is the 20% darker color. If you saturate the color by 10%, you get **131.5100, 46.5836, -54.8213**, and if you desaturate by 10%, it is **159.3520, 32.8575, -38.8967**.

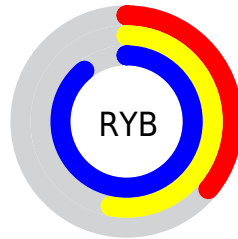
Distribution



Red (36%)

Green (62%)

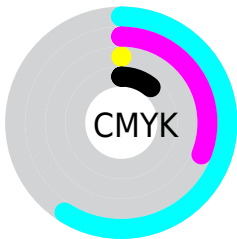
Blue (89%)



Red (36%)

Yellow (53%)

Blue (89%)

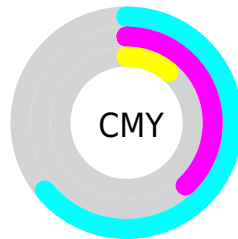


Cyan (59%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (64%)

Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4310, 39.7205, -46.8590 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 145.4310, 39.7205, -46.8590 by changing the saturation by 10% instead.

■ 145.4310, 39.7205,
-46.8590

■ 145.4310, 39.7205,
-46.8590

■ 255.0000, 0.0000,
0.0000

■ 117.4090, 39.7314,
-50.3477

■ 198.0760, 28.0635,
-41.2857

■ 85.4890, 41.6639,
-63.5729

■ 224.0690, 15.2490,
-37.7715

■ 64.5500, 39.1688,
-56.6103

■ 241.8440, 6.4859,
-27.0502

■ 48.6720, 34.1787,
-42.6853

■ 250.8140, 2.0637,
-8.6069

■ 32.7940, 29.1886,
-28.7603

■ 18.3180, 24.4932,
-16.0649

■ 7.0050, 19.2245,

-6.1434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 145.4310, 39.7205,
-46.8590

■ 145.4310, 39.7205,
-46.8590

■ 131.5100, 46.5836,
-54.8213

■ 159.3520, 32.8575,
-38.8967

■ 118.4750, 53.0098,
-62.6836

■ 172.3870, 26.4312,
-31.0344

■ 104.5540, 59.8729,
-70.6459

■ 186.3080, 19.5682,
-23.0721

■ 90.9320, 66.5885,
-77.9934

■ 199.9300, 12.8525,
-15.7246

■ 90.3340, 66.8833,
-79.2229

■ 213.2640, 6.2788,
-7.2475

■ 227.1850, -0.5842,
0.7148

■ 240.2200, -7.0105,
8.5771

■ 248.7590,
-11.2202, 5.4734

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



122.5390, 45.5833, -107.4667



145.4310, 39.7205, -46.8590



155.6110, 30.2648, -0.5358

Triad

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



145.4310, 39.7205, -46.8590



154.4930, -17.4980, 59.2036



140.4190, -12.5316, -40.7095

Complementary

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



145.4310, 39.7205, -46.8590



172.5690, -39.7205, 46.8590

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.



146.5730, -29.3695, -6.6415



145.4310, 39.7205, -46.8590



152.6750, -30.4058, 45.8890

Square

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



145.4310, 39.7205, -46.8590



155.6510, -0.3209, 56.4341



150.1530, -35.5714, 22.6678



123.5600, 13.5279, -92.5761

Rectangle

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



145.4310, 39.7205, -46.8590



157.7730, 21.3109, 24.7551



150.1530, -35.5714, 22.6678



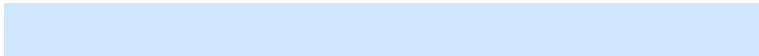
142.7750, -19.1161, -28.7437

Sweetspot

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



145.4310, 39.7205, -46.8590



227.1580, 13.7261, -15.9246



178.2960, -9.5129, -75.6816



110.5240, 8.6157, -10.1065



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.



145.4310, 39.7205, -46.8590



146.2900, 53.5940, -63.3983



107.2760, 58.5309, -13.3971



105.1890, 3.3578, -3.6738



69.9590, 52.2782, -61.3540



19.5600, 14.0209, -17.1541

Inverse Universe

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



139.4760, 8.6393, 75.8815



138.1510, 11.7576, 102.4766



210.7240, -58.5309, 13.3971



104.8590, 0.5625, 6.2627



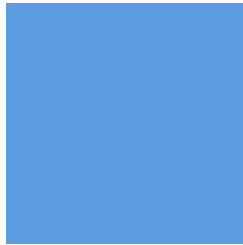
62.3140, 11.1842, 99.7026



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 145.4310, 39.7205, -46.8590 looks on a white background.

Color Contrast Check

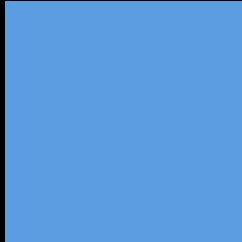
Large Text (above 18pt) WCAG AA × Fail

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 145.4310, 39.7205, -46.8590 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 145.4310, 39.7205, -46.8590

Background



This preview shows how black text looks on a background with the YUV color 145.4310, 39.7205, -46.8590.

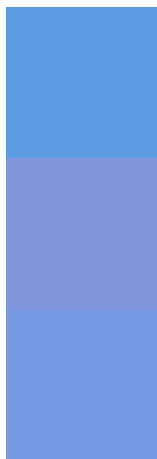


This preview shows how white text looks on a background with the YUV color 145.4310, 39.7205, -46.8590.

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

145.4310, 39.7205, -46.8590

Protanopia

152.0000, 33.5240, -19.2940

Deuteranopia

150.6830, 37.6243, -27.7860



Tritanopia

139.3760, 19.5346, -59.0888

Trichromacy



Original Color

145.4310, 39.7205, -46.8590

Protanomaly

149.8030, 35.5931, -29.6452

Deuteranomaly

148.8670, 38.5196, -34.9634

Tritanomaly

141.6460, 26.7965, -54.9405

Monochromacy



Original Color

145.4310, 39.7205, -46.8590

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9730, 14.3103, -16.6393

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4310, 39.7205, -46.8590 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(92, 157, 226)` looks like.

```
.text, #text, p{  
    color:rgb(92, 157, 226)  
}
```

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(92, 157, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 157, 226) }
```

Border

The CSS property to change the border of an element to YUV 145.4310, 39.7205, -46.8590 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(92, 157, 226) }
```


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

```
.border{ border-color:rgb(92, 157, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 157, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 157, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 157, 226);  
box-shadow:4px 4px 4px 4px rgb(92, 157,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 145.4310, 39.7205, -46.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 157, 226) }
```

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

```
.background{ background-color: rgb(92, 157,  
226) }
```

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