

Converting Colors

YUV(157.3610, 45.6710,
-88.8936)

Have a look what the booklet for
YUV(157.3610, 45.6710, -88.8936)
contains.

YUV(157.3610, 45.6710, -88.8936)	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(157.3610, 45.6710,
-88.8936)**

Conversions

Conversions Part 1

Format	Color
Hex	38BFFA
RGB	56, 191, 250
RGB Percent	22%, 75%, 98%
CMY	0.7804, 0.2510, 0.0196
CMYK	0.78, 0.24, 0.00, 0.02
HSL	198°, 95%, 60%
HSV	198°, 78%, 98%
XYZ	37.5170, 45.0045, 97.1519
YIQ	157.3610, -99.3990, -10.2710

Conversions

Conversions Part 2

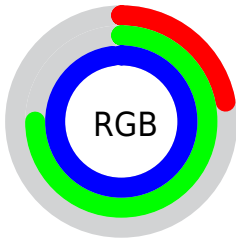
Format	Color
R _Y B	56, 136, 250
Decimal	3719162
CIE Lab	72.89, -16.39, -39.28
CIE LCh	73, 42.559, 247.346
Yxy	45.0045, 0.2088, 0.2505
Android (android.graphics.Color)	4281909242 (0xFF38BFFA)
YUV	157.3610, 45.6710, -88.8936
Hunter-Lab	67.0854, -17.5746, -38.9030

Details

The YUV color **157.3610, 45.6710, -88.8936** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **148.6390, -45.6710, 88.8936**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9290, 20.7410, -72.7287**, and **103.0080, 44.3661, -90.3380** is the 20% darker color. If you saturate the color by 10%, you get **145.1900, 51.6713, -100.1446**, and if you desaturate by 10%, it is **169.5320, 39.6707, -77.6426**.

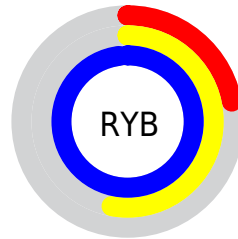
Distribution



Red (22%)

Green (75%)

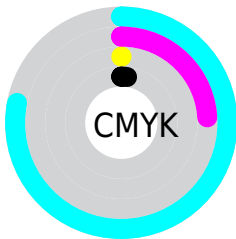
Blue (98%)



Red (22%)

Yellow (53%)

Blue (98%)

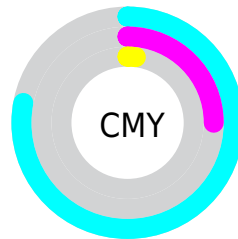


Cyan (78%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (25%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.3610, 45.6710, -88.8936 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 157.3610, 45.6710, -88.8936 by changing the saturation by 10% instead.

■ 157.3610, 45.6710,
-88.8936

■ 157.3610, 45.6710,
-88.8936

■ 255.0000, 0.0000,
0.0000

■ 121.4620, 49.0722,
-106.5222

■ 212.9290, 20.7410,
-72.7287

■ 103.0080, 44.3661,
-90.3380

■ 227.4920, 13.5614,
-56.5595

■ 84.6680, 40.0967,
-74.2538

■ 236.7610, 8.9918,
-37.5014

■ 67.5020, 35.2485,
-59.1993

■ 246.0300, 4.4222,
-18.4433

■ 50.5640, 31.2739,
-44.3446

■ 35.3870, 26.4312,
-31.0344

■ 20.3240, 22.0253,

-17.8241

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 157.3610, 45.6710,
-88.8936

■ 157.3610, 45.6710,
-88.8936

■ 145.1900, 51.6713,
-100.1446

■ 169.5320, 39.6707,
-77.6426

■ 133.6060, 57.3822,
-111.9105

■ 181.1160, 33.9598,
-65.8767

■ 130.6380, 58.8455,
-114.5695

■ 193.2870, 27.9595,
-54.6257

■ 204.8710, 22.2486,
-42.8599

■ 217.0420, 16.2483,
-31.6088

■ 229.2130, 10.2480,
-20.3578

■ 240.7970, 4.5371,
-8.5920

■ 252.6690, -1.3158,
2.0443

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



141.8760, 40.9801, -124.4253



157.3610, 45.6710, -88.8936



175.3940, 39.2458, -34.5485

Triad

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



157.3610, 45.6710, -88.8936



182.0170, -5.4314, 62.2521



170.3870, -27.3058, -15.2484

Complementary

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



157.3610, 45.6710, -88.8936



148.6390, -45.6710, 88.8936

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.



175.3650, -37.1549, 17.2199



157.3610, 45.6710, -88.8936



180.4240, -22.8870, 61.0182

Square

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



157.3610, 45.6710, -88.8936



184.0160, 12.8101, 44.7130



177.8120, -34.9103, 44.0149



163.3080, -7.5468, -52.8901

Rectangle

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



157.3610, 45.6710, -88.8936



181.2840, 32.8910, -2.8801



177.8120, -34.9103, 44.0149



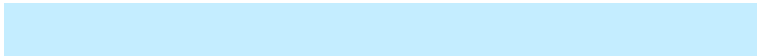
172.0140, -31.5589, -4.3973

Sweetspot

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



157.3610, 45.6710, -88.8936



226.7930, 13.9061, -27.0055



176.4900, -30.8076, -105.6697



110.7790, 8.4900, -16.4692



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.



157.3610, 45.6710, -88.8936



141.8730, 55.7716, -108.6366



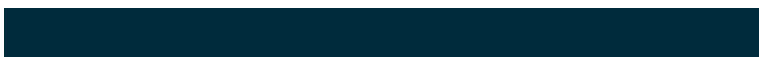
101.0090, 73.4526, -39.4729



118.7650, 3.0739, -5.9329



98.4430, 44.6446, -86.3345



32.1950, 14.2009, -28.2350

Inverse Universe

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



129.3960, 30.3708, 105.7697



107.6730, 37.1362, 129.2058



204.9910, -73.4526, 39.4729



116.9130, 2.0149, 7.0923



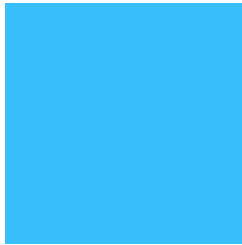
71.4450, 29.3606, 103.0957



23.1410, 9.7905, 33.2023

Previews

White Background



This preview shows how the YUV color 157.3610, 45.6710, -88.8936 looks on a white background.

Color Contrast Check

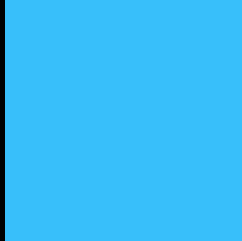
Large Text (above 18pt) WCAG AA × Fail

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 157.3610, 45.6710, -88.8936 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

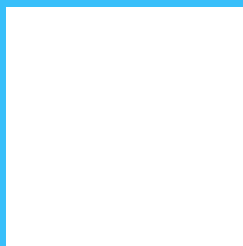
Any Text WCAG AAA ✓ Pass

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

YUV 157.3610, 45.6710, -88.8936 Background



This preview shows how black text looks on a background with the YUV color 157.3610, 45.6710, -88.8936.



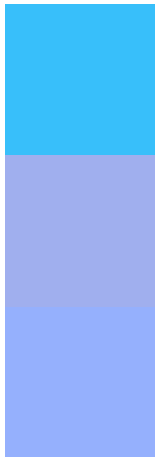
This preview shows how white text looks on a background with the YUV color 157.3610, 45.6710,

-88.8936.

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

157.3610, 45.6710, -88.8936

Protanopia

177.6970, 29.7294, -15.5203

Deuteranopia

176.7050, 37.6134, -24.2973



Tritanopia

139.9210, 36.0279, -122.7107

Trichromacy



Original Color

157.3610, 45.6710, -88.8936

Protanomaly

170.3130, 35.3417, -42.3705

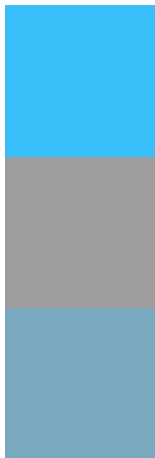
Deuteranomaly

169.3600, 40.7415, -47.6737

Tritanomaly

146.2090, 39.3370, -110.6853

Monochromacy



Original Color

157.3610, 45.6710, -88.8936

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.8570, 16.8325, -32.3236

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.3610, 45.6710, -88.8936 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(56, 191, 250)` looks like.

```
.text, #text, p{  
    color:rgb(56, 191, 250)  
}
```

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(56, 191, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 191, 250) }
```

Border

The CSS property to change the border of an element to YUV 157.3610, 45.6710, -88.8936 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

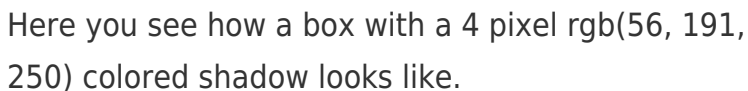
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(56, 191, 250) }
```


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

```
.border{ border-color:rgb(56, 191, 250) }
```

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



Here you see how a box with a 4 pixel `rgb(56, 191, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(56, 191, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(56, 191, 250); box-shadow:4px 4px 4px 4px rgb(56, 191, 250) }
```

Background

The CSS property to change the background color of an element to YUV 157.3610, 45.6710, -88.8936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 191, 250) }
```

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

```
.background{ background-color: rgb(56, 191,  
250) }
```

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