

Converting Colors

YUV(148.3710, 37.2851,
-59.0844)

Have a look what the booklet for
YUV(148.3710, 37.2851, -59.0844)
contains.

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Color

**YUV(148.3710, 37.2851,
-59.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	51A8E0
RGB	81, 168, 224
RGB Percent	32%, 66%, 88%
CMY	0.6824, 0.3412, 0.1216
CMYK	0.64, 0.25, 0.00, 0.12
HSL	203°, 70%, 60%
HSV	203°, 64%, 88%
XYZ	30.8505, 35.1364, 75.6770
YIQ	148.3710, -69.8280, -1.0280

Conversions

Conversions Part 2

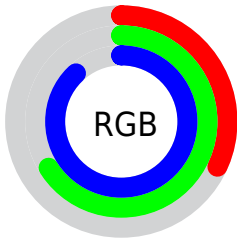
Format	Color
R _Y B	81, 135, 224
Decimal	5351648
CIE Lab	65.85, -9.20, -36.03
CIE LCh	66, 37.187, 255.673
Yxy	35.1364, 0.2178, 0.2480
Android (android.graphics.Color)	4283541728 (0xFF51A8E0)
YUV	148.3710, 37.2851, -59.0844
Hunter-Lab	59.2760, -10.8316, -34.2017

Details

The YUV color **148.3710, 37.2851, -59.0844** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **156.6290, -37.2851, 59.0844**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7280, 25.7701, -52.3815**, and **87.2440, 39.8127, -76.5130** is the 20% darker color. If you saturate the color by 10%, you get **136.5100, 43.1326, -67.9763**, and if you desaturate by 10%, it is **160.2320, 31.4376, -50.1925**.

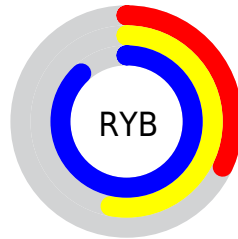
Distribution



Red (32%)

Green (66%)

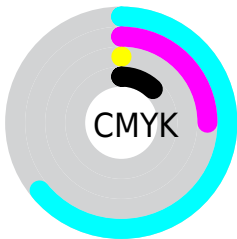
Blue (88%)



Red (32%)

Yellow (53%)

Blue (88%)

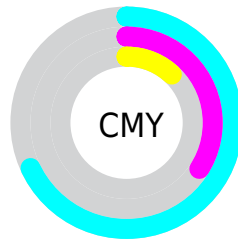


Cyan (64%)

Magenta (25%)

Yellow (0%)

Black (12%)



Cyan (68%)

Magenta (34%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.3710, 37.2851, -59.0844 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 148.3710, 37.2851, -59.0844 by changing the saturation by 10% instead.

■ 148.3710, 37.2851,
-59.0844

■ 148.3710, 37.2851,
-59.0844

255.0000, 0.0000,
0.0000

■ 119.1530, 37.8856,
-65.0322

■ 202.7280, 25.7701,
-52.3815

■ 87.2440, 39.8127,
-76.5130

■ 228.4220, 13.1030,
-49.4821

■ 70.1920, 35.4013,
-61.5584

■ 239.1530, 7.8126,
-32.5832

■ 53.1400, 30.9900,
-46.6038

■ 248.1230, 3.3904,
-14.1399

■ 37.3760, 26.4366,
-32.7788

■ 22.9000, 21.7413,
-20.0833

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 148.3710, 37.2851,
-59.0844

■ 148.3710, 37.2851,
-59.0844

■ 136.5100, 43.1326,
-67.9763

■ 160.2320, 31.4376,
-50.1925

■ 124.3500, 49.1275,
-77.4829

■ 172.3920, 25.4427,
-40.6858

■ 113.0760, 54.6855,
-86.8897

■ 183.6660, 19.8847,
-31.2791

■ 105.3680, 58.4856,
-92.4077

■ 195.8260, 13.8898,
-21.7724

■ 207.6870, 8.0423,
-12.8805

■ 219.5480, 2.1948,
-3.9886

■ 231.1210, -3.5107,
6.0329

■ 241.4870, -8.6211,
11.8509

■ 246.7700,
-11.2256, 7.2177

Harmonies

Analogous

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



126.3230, 39.7738, -110.7853



148.3710, 37.2851, -59.0844



159.5550, 31.7714, -17.1497

Triad

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



148.3710, 37.2851, -59.0844



162.3490, -9.0461, 54.9449



151.7050, -19.5746, -21.6663

Complementary

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



148.3710, 37.2851, -59.0844



156.6290, -37.2851, 59.0844

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.



156.1340, -30.1391, 6.8985



148.3710, 37.2851, -59.0844



160.6460, -22.9965, 49.4225

Square

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



148.3710, 37.2851, -59.0844



164.2950, 6.2636, 44.4683



158.6580, -31.3834, 32.7489



144.9040, -1.4317, -54.2898

Rectangle

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



148.3710, 37.2851, -59.0844



163.2870, 25.0015, 7.6413



158.6580, -31.3834, 32.7489



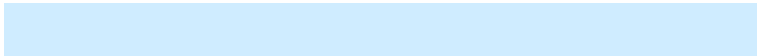
153.0330, -23.6803, -11.4299

Sweetspot

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



148.3710, 37.2851, -59.0844



229.4950, 12.5740, -19.7281



171.2110, -17.3590, -79.1150



111.9860, 7.8949, -12.2657



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.



148.3710, 37.2851, -59.0844



151.1970, 51.1749, -80.8568



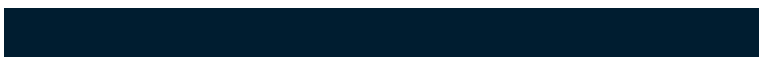
107.2810, 57.5425, -23.0484



106.3630, 2.7790, -4.7034



82.8730, 45.9116, -72.6796



22.4950, 12.5740, -19.7281

Inverse Universe

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



133.6750, 16.9222, 79.2150



131.1700, 23.0872, 108.5989



197.7190, -57.5425, 23.0484



105.0870, 1.4361, 6.0627



64.8220, 20.7938, 97.5031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 148.3710, 37.2851, -59.0844 looks on a white background.

Color Contrast Check

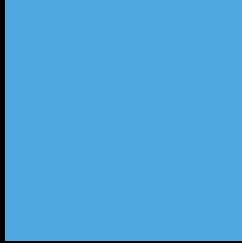
Large Text (above 18pt) WCAG AA × Fail

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 148.3710, 37.2851, -59.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

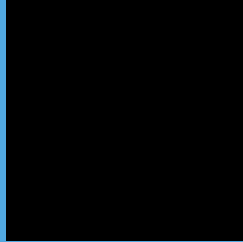
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

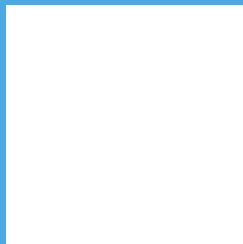
Any Text WCAG AAA ✓ Pass

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

YUV 148.3710, 37.2851, -59.0844 Background



This preview shows how black text looks on a background with the YUV color 148.3710, 37.2851, -59.0844.



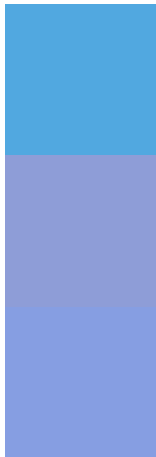
This preview shows how white text looks on a background with the YUV color 148.3710, 37.2851, -59.0844.

-59.0844.

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

148.3710, 37.2851, -59.0844

Protanopia

159.1270, 27.5454, -15.0204

Deuteranopia

158.5760, 33.2400, -21.5532



Tritanopia

142.5210, 22.9141, -69.7399

Trichromacy



Original Color

148.3710, 37.2851, -59.0844

Protanomaly

155.2390, 30.9412, -30.9046

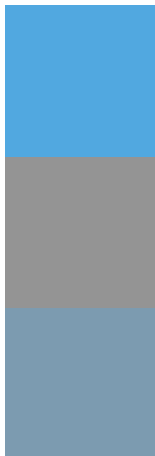
Deuteranomaly

155.1290, 34.4464, -35.1931

Tritanomaly

144.9220, 28.1395, -65.7066

Monochromacy



Original Color

148.3710, 37.2851, -59.0844

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.1250, 13.7424, -21.1576

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3710, 37.2851, -59.0844 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, 168, 224)` looks like.

```
.text, #text, p{  
    color:rgb(81, 168, 224)  
}
```

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, 168, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 168, 224) }
```

Border

The CSS property to change the border of an element to YUV 148.3710, 37.2851, -59.0844 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, 168, 224) }
```


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

```
.border{ border-color:rgb(81, 168, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 168, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 168, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 168, 224);  
box-shadow:4px 4px 4px 4px rgb(81, 168,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 148.3710, 37.2851, -59.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 168, 224) }
```

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

```
.background{ background-color: rgb(81, 168,  
224) }
```

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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