

Converting Colors

YUV(129.4590, 33.7907,
-58.2845)

Have a look what the booklet for
YUV(129.4590, 33.7907, -58.2845)
contains.

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Color

**YUV(129.4590, 33.7907,
-58.2845)**

Conversions

Conversions Part 1

Format	Color
Hex	3F96C6
RGB	63, 150, 198
RGB Percent	25%, 59%, 78%
CMY	0.7529, 0.4118, 0.2235
CMYK	0.68, 0.24, 0.00, 0.22
HSL	201°, 54%, 51%
HSV	201°, 68%, 78%
XYZ	23.1493, 26.9467, 57.4072
YIQ	129.4590, -67.2600, -3.5160

Conversions

Conversions Part 2

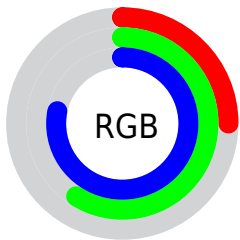
Format	Color
R _Y B	63, 116, 198
Decimal	4167366
CIE Lab	58.92, -10.70, -32.39
CIE LCh	59, 34.113, 251.717
Yxy	26.9467, 0.2153, 0.2507
Android (android.graphics.Color)	4282357446 (0xFF3F96C6)
YUV	129.4590, 33.7907, -58.2845
Hunter-Lab	51.9102, -11.2409, -29.2314

Details

The YUV color **129.4590, 33.7907, -58.2845** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **131.5410, -33.7907, 58.2845**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1930, 33.9219, -53.6663**, and **74.5290, 34.2492, -65.3619** is the 20% darker color. If you saturate the color by 10%, you get **119.3700, 38.7646, -66.9765**, and if you desaturate by 10%, it is **139.5480, 28.8168, -49.5926**.

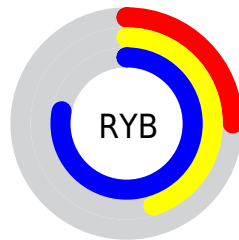
Distribution



Red (25%)

Green (59%)

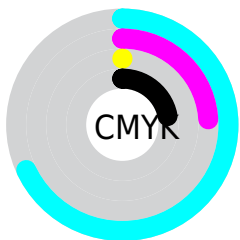
Blue (78%)



Red (25%)

Yellow (45%)

Blue (78%)

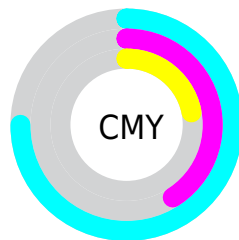


Cyan (68%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (75%)

Magenta (41%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.4590, 33.7907, -58.2845 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 129.4590, 33.7907, -58.2845 by changing the saturation by 10% instead.

■ 129.4590, 33.7907,
-58.2845

■ 129.4590, 33.7907,
-58.2845

■ 255.0000, 0.0000,
0.0000

■ 98.2620, 35.8598,
-68.6358

■ 186.1930, 33.9219,
-53.6663

■ 74.5290, 34.2492,
-65.3619

■ 211.3000, 21.5441,
-50.2521

■ 58.0640, 29.5484,
-50.9221

■ 233.7710, 10.4659,
-43.6492

■ 41.7130, 25.2845,
-36.5823

■ 242.7410, 6.0437,
-25.2059

■ 26.6500, 20.8786,
-23.3720

■ 251.7110, 1.6215,
-6.7625

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 129.4590, 33.7907,
-58.2845

■ 129.4590, 33.7907,
-58.2845

■ 119.3700, 38.7646,
-66.9765

■ 139.5480, 28.8168,
-49.5926

■ 109.2810, 43.7385,
-75.6684

■ 149.6370, 23.8430,
-40.9006

■ 99.4910, 48.5649,
-83.7456

■ 159.4270, 19.0165,
-32.8235

■ 97.7080, 49.4440,
-85.6899

■ 169.5160, 14.0426,
-24.1315

■ 179.6050, 9.0687,
-15.4396

■ 189.6940, 4.0949,
-6.7476

■ 199.7830, -0.8790,
1.9443

■ 209.5730, -5.7055,
10.0215

■ 219.6620,
-10.6794, 18.7134

Harmonies

Analogous

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



112.2060, 33.9154, -98.4047



129.4590, 33.7907, -58.2845



140.5500, 29.3088, -20.6534

Triad

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



129.4590, 33.7907, -58.2845



144.0000, -6.4090, 49.1120



135.1510, -19.3014, -15.9184

Complementary

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



129.4590, 33.7907, -58.2845



131.5410, -33.7907, 58.2845

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.



138.7260, -27.9659, 9.8873



129.4590, 33.7907, -58.2845



142.8350, -19.6387, 45.7487

Square

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



129.4590, 33.7907, -58.2845



145.5930, 7.5957, 37.1909



141.2710, -27.7416, 31.3343



129.1010, -3.5008, -43.9386

Rectangle

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



129.4590, 33.7907, -58.2845



144.0260, 24.1442, 2.6082



141.2710, -27.7416, 31.3343



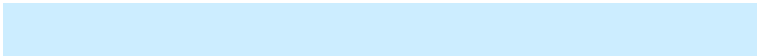
135.9950, -22.6755, -7.0116

Sweetspot

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



129.4590, 33.7907, -58.2845



229.1850, 12.7268, -22.0872



147.6030, -18.5383, -74.1968



112.2740, 7.7529, -13.3953



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.



129.4590, 33.7907, -58.2845



149.0710, 52.2230, -90.3933



90.1300, 53.1799, -23.7930



94.5480, 2.1948, -3.9886



80.2170, 40.8120, -70.3503



17.6050, 9.0687, -15.4396

Inverse Universe

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



113.2830, 18.1015, 74.2968



123.8810, 28.1597, 114.9914



170.8700, -53.1799, 23.7930



93.3750, 1.2941, 4.9331



60.7070, 21.8364, 89.7110



13.3860, 4.7397, 19.8325

Previews

White Background



This preview shows how the YUV color 129.4590, 33.7907, -58.2845 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 129.4590, 33.7907, -58.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

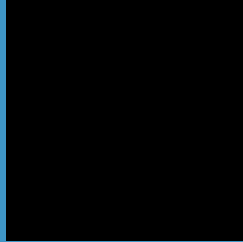
Any Text WCAG AA ✓ Pass

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 129.4590, 33.7907, -58.2845 Background



This preview shows how black text looks on a background with the YUV color 129.4590, 33.7907, -58.2845.

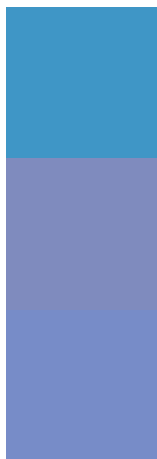


This preview shows how white text looks on a background with the YUV color 129.4590, 33.7907, -58.2845.

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

129.4590, 33.7907, -58.2845

Protanopia

141.2260, 24.0456, -12.4762

Deuteranopia

140.5610, 29.3034, -18.9090



Tritanopia

123.2930, 22.0406, -69.5400

Trichromacy



Original Color

129.4590, 33.7907, -58.2845

Protanomaly

137.0390, 27.5888, -28.9752

Deuteranomaly

136.8150, 30.6572, -33.1638

Tritanomaly

125.4660, 26.3923, -65.3067

Monochromacy



Original Color

129.4590, 33.7907, -58.2845

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.3700, 12.1426, -21.3725

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.4590, 33.7907, -58.2845 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(63, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(63, 150, 198)  
}
```

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(63, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 150, 198) }
```

Border

The CSS property to change the border of an element to YUV 129.4590, 33.7907, -58.2845 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(63, 150, 198) }
```


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

```
.border{ border-color:rgb(63, 150, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 150, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 150, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 150, 198);  
box-shadow:4px 4px 4px 4px rgb(63, 150,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 129.4590, 33.7907, -58.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 150, 198) }
```

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

```
.background{ background-color: rgb(63, 150,  
198) }
```

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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