

Converting Colors

YUV(125.5850, 29.2916,
-61.9030)

Have a look what the booklet for
YUV(125.5850, 29.2916, -61.9030)
contains.

YUV(125.5850, 29.2916, -61.9030)	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(125.5850, 29.2916,
-61.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	3796B9
RGB	55, 150, 185
RGB Percent	22%, 59%, 73%
CMY	0.7843, 0.4118, 0.2745
CMYK	0.70, 0.19, 0.00, 0.27
HSL	196°, 54%, 47%
HSV	196°, 70%, 73%
XYZ	21.2389, 26.1277, 49.8227
YIQ	125.5850, -67.8550, -9.2550

Conversions

Conversions Part 2

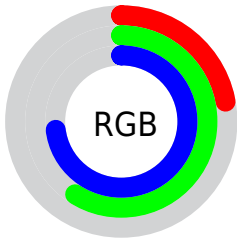
Format	Color
R _Y B	55, 110, 185
Decimal	3643065
CIE Lab	58.16, -16.23, -26.26
CIE LCh	58, 30.872, 238.275
Yxy	26.1277, 0.2185, 0.2688
Android (android.graphics.Color)	4281833145 (0xFF3796B9)
YUV	125.5850, 29.2916, -61.9030
Hunter-Lab	51.1153, -15.2834, -22.0100

Details

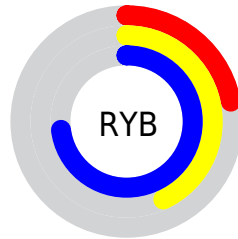
The YUV color **125.5850, 29.2916, -61.9030** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **114.4150, -29.2916, 61.9030**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5040, 28.8385, -56.5700**, and **73.1610, 29.0076, -64.1622** is the 20% darker color. If you saturate the color by 10%, you get **117.2680, 33.3919, -70.3950**, and if you desaturate by 10%, it is **134.2010, 25.0439, -52.7963**.

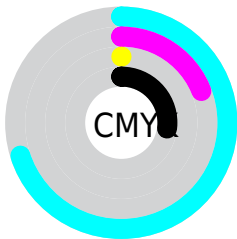
Distribution



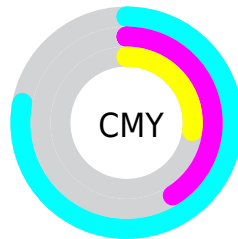
- Red (22%)
- Green (59%)
- Blue (73%)



- Red (22%)
- Yellow (43%)
- Blue (73%)



- Cyan (70%)
- Magenta (19%)
- Yellow (0%)
- Black (27%)



- Cyan (78%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.5850, 29.2916, -61.9030 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 125.5850, 29.2916, -61.9030 by changing the saturation by 10% instead.

■ 125.5850, 29.2916,
-61.9030

■ 125.5850, 29.2916,
-61.9030

■ 255.0000, 0.0000,
0.0000

■ 91.3980, 32.8348,
-78.4020

■ 182.5040, 28.8385,
-56.5700

■ 73.1610, 29.0076,
-64.1622

■ 209.2070, 22.5759,
-54.5555

■ 56.1090, 24.5963,
-49.2076

■ 231.3790, 11.6452,
-48.5674

■ 39.8720, 20.7691,
-34.9677

■ 240.3490, 7.2229,
-30.1241

■ 25.5100, 16.5106,
-22.3723

■ 249.3190, 2.8007,
-11.6808

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 125.5850, 29.2916,
-61.9030

■ 125.5850, 29.2916,
-61.9030

■ 117.2680, 33.3919,
-70.3950

■ 134.2010, 25.0439,
-52.7963

■ 108.6520, 37.6396,
-79.5018

■ 142.5180, 20.9436,
-44.3043

■ 100.3350, 41.7398,
-87.9938

■ 151.1340, 16.6959,
-35.1975

■ 159.4510, 12.5957,
-26.7055

■ 168.0670, 8.3480,
-17.5988

■ 176.3840, 4.2477,
-9.1068

■ 185.0000, 0.0000,
0.0000

■ 193.3170, -4.1003,
8.4920

■ 201.6340, -8.2006,
16.9840

Harmonies

Analogous

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



120.1570, 21.6146, -72.9287



125.5850, 29.2916, -61.9030



135.5440, 28.3258, -32.0491

Triad

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



125.5850, 29.2916, -61.9030



142.8510, -0.4195, 41.3497



135.2450, -21.8128, -3.7229

Complementary

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



125.5850, 29.2916, -61.9030



114.4150, -29.2916, 61.9030

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.



138.3510, -25.8090, 18.1092



125.5850, 29.2916, -61.9030



141.6590, -12.6499, 44.1491

Square

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



125.5850, 29.2916, -61.9030



143.4820, 12.5804, 25.0103



140.0850, -22.2269, 35.8825



131.7780, -10.2436, -27.8693

Rectangle

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



125.5850, 29.2916, -61.9030



140.4650, 24.9138, -10.9318



140.0850, -22.2269, 35.8825



136.1320, -23.7291, 4.2692

Sweetspot

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



125.5850, 29.2916, -61.9030



216.5330, 11.5692, -24.1464



135.3000, -22.3329, -70.4231



106.3340, 6.7373, -14.3249



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



125.5850, 29.2916, -61.9030



147.3170, 45.6927, -95.8710



87.4300, 48.1020, -28.4411



87.5480, 2.1948, -3.9886



84.7020, 35.1499, -74.2837



14.9320, 6.4425, -13.0954

Inverse Universe

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



104.7000, 22.3329, 70.4231



115.1560, 34.4331, 109.4882



152.5700, -48.1020, 28.4411



86.3750, 1.2941, 4.9331



59.6400, 26.7995, 84.5077



10.6520, 4.6086, 15.2142

Previews

White Background



This preview shows how the YUV color 125.5850, 29.2916, -61.9030 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 125.5850, 29.2916, -61.9030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

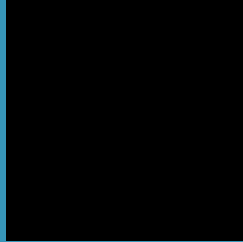
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.5850, 29.2916, -61.9030

Background



This preview shows how black text looks on a background with the YUV color 125.5850, 29.2916, -61.9030.

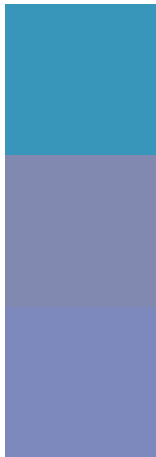


This preview shows how white text looks on a background with the YUV color 125.5850, 29.2916, -61.9030.

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

125.5850, 29.2916, -61.9030

Protanopia

139.0540, 18.2144, -8.8174

Deuteranopia

139.2260, 24.0456, -12.4762



Tritanopia

121.2930, 22.0406, -69.5400

Trichromacy



Original Color

125.5850, 29.2916, -61.9030

Protanomaly

134.2580, 22.0578, -28.2903

Deuteranomaly

134.5720, 25.8470, -30.3196

Tritanomaly

122.9990, 24.6505, -66.6511

Monochromacy



Original Color

125.5850, 29.2916, -61.9030

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9030, 10.4008, -22.7169

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.5850, 29.2916, -61.9030 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(55, 150, 185)` looks like.

```
.text, #text, p{  
    color:rgb(55, 150, 185)  
}
```

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(55, 150, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 150, 185) }
```

Border

The CSS property to change the border of an element to YUV 125.5850, 29.2916, -61.9030 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(55, 150, 185) }
```


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

```
.border{ border-color:rgb(55, 150, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 150, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(55, 150, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(55, 150, 185); box-shadow:4px 4px 4px 4px rgb(55, 150, 185) }
```

Background

The CSS property to change the background color of an element to YUV 125.5850, 29.2916, -61.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 150, 185) }
```

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

```
.background{ background-color: rgb(55, 150,  
185) }
```

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