

Converting Colors

YUV(125.7500, 59.2833,
-68.1868)

Have a look what the booklet for
YUV(125.7500, 59.2833, -68.1868)
contains.

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Color

**YUV(125.7500, 59.2833,
-68.1868)**

Conversions

Conversions Part 1

Format	Color
Hex	308EF6
RGB	48, 142, 246
RGB Percent	19%, 56%, 96%
CMY	0.8118, 0.4431, 0.0353
CMYK	0.80, 0.42, 0.00, 0.04
HSL	212°, 92%, 58%
HSV	212°, 80%, 96%
XYZ	27.5265, 26.6282, 90.8777
YIQ	125.7500, -89.4080, 12.4160

Conversions

Conversions Part 2

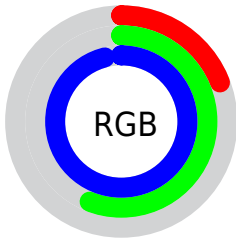
Format	Color
R _Y B	48, 112, 246
Decimal	3182326
CIE Lab	58.63, 9.13, -59.64
CIE LCh	59, 60.330, 278.706
Yxy	26.6282, 0.1898, 0.1836
Android (android.graphics.Color)	4281372406 (0xFF308EF6)
YUV	125.7500, 59.2833, -68.1868
Hunter-Lab	51.6025, 4.9133, -68.2945

Details

The YUV color **125.7500, 59.2833, -68.1868** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **168.2500, -59.2833, 68.1868**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6110, 36.6738, -49.6478**, and **76.1370, 55.6415, -66.7721** is the 20% darker color. If you saturate the color by 10%, you get **110.6440, 66.7305, -76.8638**, and if you desaturate by 10%, it is **140.8560, 51.8360, -59.5097**.

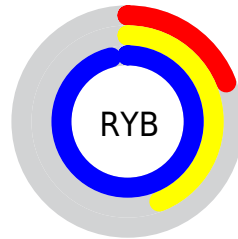
Distribution



Red (19%)

Green (56%)

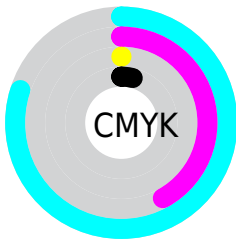
Blue (96%)



Red (19%)

Yellow (44%)

Blue (96%)

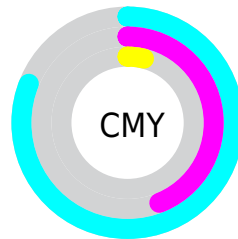


Cyan (80%)

Magenta (42%)

Yellow (0%)

Black (4%)



Cyan (81%)

Magenta (44%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.7500, 59.2833, -68.1868 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 125.7500, 59.2833, -68.1868 by changing the saturation by 10% instead.

■ 125.7500, 59.2833,
-68.1868

■ 125.7500, 59.2833,
-68.1868

■ 255.0000, 0.0000,
0.0000

■ 93.4170, 60.9264,
-81.9267

■ 180.6110, 36.6738,
-49.6478

■ 76.1370, 55.6415,
-66.7721

■ 206.6150, 23.8538,
-44.3894

■ 59.4440, 50.0671,
-52.1324

■ 232.6190, 11.0338,
-39.1309

■ 44.1530, 44.7876,
-38.7222

■ 244.2360, 5.3067,
-22.1320

■ 30.0360, 38.9293,
-26.3416

■ 253.5050, 0.7370,
-3.0739

■ 14.8590, 34.0865,
-13.0313

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 125.7500, 59.2833,
-68.1868

■ 125.7500, 59.2833,
-68.1868

■ 110.6440, 66.7305,
-76.8638

■ 140.8560, 51.8360,
-59.5097

■ 96.7230, 73.5936,
-84.8261

■ 155.6630, 44.5361,
-51.4475

■ 170.7690, 37.0889,
-42.7704

■ 185.5760, 29.7890,
-34.7082

■ 200.6820, 22.3418,
-26.0311

■ 215.7880, 14.8945,
-17.3541

■ 230.0080, 7.8841,
-8.7770

■ 245.1140, 0.4368,
-0.1000

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



119.4050, 58.9603, -104.7182



125.7500, 59.2833, -68.1868



144.7130, 39.0885, 16.0377

Triad

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



125.7500, 59.2833, -68.1868



137.4110, -29.7826, 79.4466



107.0810, -3.4909, -93.9100

Complementary

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



125.7500, 59.2833, -68.1868



168.2500, -59.2833, 68.1868

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.



126.0900, -37.0194, -26.3889



125.7500, 59.2833, -68.1868



136.0940, -49.3463, 54.2916

Square

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



125.7500, 59.2833, -68.1868



137.3990, -4.6337, 86.4731



131.7400, -56.0738, 18.6450



115.1120, 19.6648, -100.9532

Rectangle

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



125.7500, 59.2833, -68.1868



143.9040, 26.1763, 50.9502



131.7400, -56.0738, 18.6450



113.8250, -15.1967, -72.6375

Sweetspot

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



125.7500, 59.2833, -68.1868



217.9770, 18.2523, -21.0278



175.8540, -12.7460, -112.1280



105.1970, 11.2419, -12.4508



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.



125.7500, 59.2833, -68.1868



104.8370, 74.0304, -84.9260



71.4690, 86.0438, -17.9513



114.8900, 3.5052, -4.2885



72.8600, 55.7780, -63.8982



23.1620, 17.6681, -20.3131

Inverse Universe

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



117.9180, 11.8724, 112.3279



95.1910, 14.6958, 140.1525



222.5310, -86.0438, 17.9513



114.2720, 0.8519, 6.7775



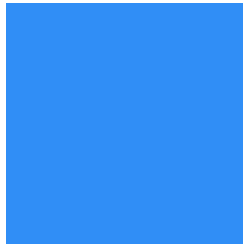
65.6460, 11.0205, 105.5505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 125.7500, 59.2833, -68.1868 looks on a white background.

Color Contrast Check

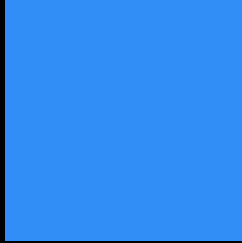
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.7500, 59.2833, -68.1868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

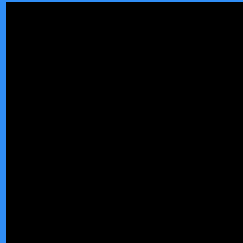
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

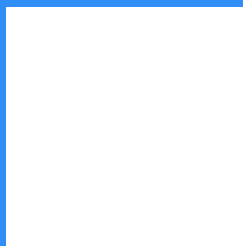
Any Text WCAG AAA × Fail

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

YUV 125.7500, 59.2833, -68.1868 Background



This preview shows how black text looks on a background with the YUV color 125.7500, 59.2833, -68.1868.



This preview shows how white text looks on a background with the YUV color 125.7500, 59.2833, -68.1868.

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

125.7500, 59.2833, -68.1868

Protanopia

135.9990, 51.7655, -36.8331

Deuteranopia

126.0490, 59.1358, -67.5720



Tritanopia

110.6100, 27.8003, -97.0050

Trichromacy



Original Color

125.7500, 59.2833, -68.1868

Protanomaly

132.3180, 54.5662, -48.5139

Deuteranomaly

126.0490, 59.1358, -67.5720

Tritanomaly

116.0640, 39.4084, -86.8791

Monochromacy



Original Color

125.7500, 59.2833, -68.1868

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1660, 21.6102, -24.7016

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.7500, 59.2833, -68.1868 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(48, 142, 246)` looks like.

```
.text, #text, p{  
    color:rgb(48, 142, 246)  
}
```

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(48, 142, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 142, 246) }
```

Border

The CSS property to change the border of an element to YUV 125.7500, 59.2833, -68.1868 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(48, 142, 246) }
```


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

```
.border{ border-color:rgb(48, 142, 246) }
```

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

Here you see how a box with a 4 pixel rgb(48, 142, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 142, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 142, 246);  
box-shadow:4px 4px 4px 4px rgb(48, 142,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 125.7500, 59.2833, -68.1868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 142, 246) }
```

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

```
.background{ background-color: rgb(48, 142,  
246) }
```

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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