

Converting Colors

YUV(115.9330, 68.5600,
-56.9462)

Have a look what the booklet for
YUV(115.9330, 68.5600, -56.9462)
contains.

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Color

**YUV(115.9330, 68.5600,
-56.9462)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 337AFF |
| RGB | 51, 122, 255 |
| RGB Percent | 20%, 48%, 100% |
| CMY | 0.8000, 0.5216, 0.0000 |
| CMYK | 0.80, 0.52, 0.00, 0.00 |
| HSL | 219°, 100%, 60% |
| HSV | 219°, 80%, 100% |
| XYZ | 26.3748, 21.8429, 97.4337 |
| YIQ | 115.9330, -85.0090, 26.3110 |

Conversions

Conversions Part 2

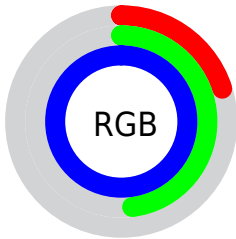
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 51, 104, 255 |
| Decimal | 3373823 |
| CIE Lab | 53.86, 25.01, -72.28 |
| CIE LCh | 54, 76.484, 289.084 |
| Yxy | 21.8429, 0.1811, 0.1500 |
| Android (android.graphics.Color) | 4281563903 (0xFF337AFF) |
| YUV | 115.9330, 68.5600, -56.9462 |
| Hunter-Lab | 46.7364, 18.9444, -90.8895 |

Details

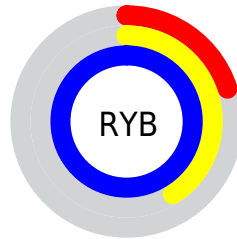
The YUV color **115.9330, 68.5600, -56.9462** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **190.0670, -68.5600, 56.9462**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4800, 42.1614, -36.3780**, and **66.4830, 64.3449, -58.3056** is the 20% darker color. If you saturate the color by 10%, you get **98.1800, 77.3123, -64.1789**, and if you desaturate by 10%, it is **133.6860, 59.8078, -49.7136**.

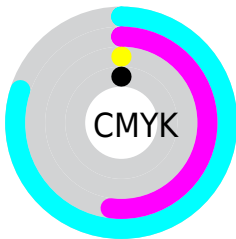
Distribution



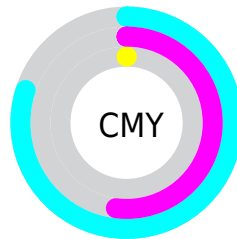
- Red (20%)
- Green (48%)
- Blue (100%)



- Red (20%)
- Yellow (41%)
- Blue (100%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9330, 68.5600, -56.9462 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 115.9330, 68.5600, -56.9462 by changing the saturation by 10% instead.

■ 115.9330, 68.5600,
-56.9462

■ 115.9330, 68.5600,
-56.9462

255.0000, 0.0000,
0.0000

■ 83.2900, 70.3560,
-73.0453

■ 169.4800, 42.1614,
-36.3780

■ 66.4830, 64.3449,
-58.3056

■ 195.1960, 29.4834,
-29.9899

■ 50.3770, 58.4811,
-44.1806

■ 221.2000, 16.6634,
-24.7314

■ 36.1460, 52.1860,
-31.7000

■ 245.7310, 4.5696,
-19.0581

■ 22.0290, 46.3277,
-19.3194

■ 17.8910, 35.5497,
-15.6904

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 115.9330, 68.5600,
-56.9462

■ 115.9330, 68.5600,
-56.9462

■ 98.1800, 77.3123,
-64.1789

■ 133.6860, 59.8078,
-49.7136

■ 81.3130, 85.6277,
-71.3115

■ 150.5530, 51.4924,
-42.5810

■ 168.3060, 42.7401,
-35.3484

■ 185.1730, 34.4247,
-28.2157

■ 202.9260, 25.6725,
-20.9831

■ 220.3800, 17.0677,
-14.3653

■ 237.5460, 8.6048,
-6.6178

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



113.5980, 69.7112, -99.6254



115.9330, 68.5600, -56.9462



130.6980, 42.0539, 44.9919

Triad

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



115.9330, 68.5600, -56.9462



118.9980, -46.8340, 88.5788



103.2000, -0.5916, -90.5064

Complementary

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



115.9330, 68.5600, -56.9462



190.0670, -68.5600, 56.9462

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.



91.2420, -31.1783, -80.0192



115.9330, 68.5600, -56.9462



121.3030, -59.8024, 47.9693

Square

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



115.9330, 68.5600, -56.9462



111.3810, -10.5408, 114.5529



115.6900, -57.0352, 0.2719



111.5390, 28.8213, -97.8197

Rectangle

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



115.9330, 68.5600, -56.9462



122.0640, 27.0834, 86.7669



115.6900, -57.0352, 0.2719



99.2900, -10.4960, -87.0773

Sweetspot

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



115.9330, 68.5600, -56.9462



213.2810, 20.5675, -16.9094



185.9100, -0.9416, -118.3161



102.2620, 12.6888, -9.8768



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.



115.9330, 68.5600, -56.9462



87.8250, 82.4173, -68.2525



83.5250, 84.5372, -1.3374



118.8300, 4.5208, -3.3589



61.1030, 64.0392, -53.5873



20.2100, 21.5885, -17.7242

Inverse Universe

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



120.0900, 0.9416, 118.3161



92.9450, 1.0131, 142.1222



222.4750, -84.5372, 1.3374



119.3430, -0.1691, 7.5922



64.7470, 1.1107, 110.7239



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 115.9330, 68.5600, -56.9462 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 115.9330, 68.5600, -56.9462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

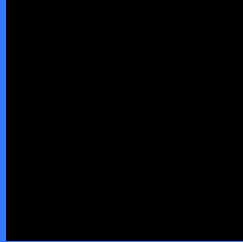
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

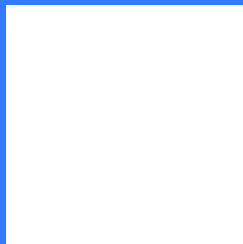
Any Text WCAG AAA × Fail

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

YUV 115.9330, 68.5600, -56.9462 Background



This preview shows how black text looks on a background with the YUV color 115.9330, 68.5600, -56.9462.



This preview shows how white text looks on a background with the YUV color 115.9330, 68.5600, -56.9462.

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

115.9330, 68.5600, -56.9462

Protanopia

112.9320, 70.0395, -64.8384

Deuteranopia

102.7750, 61.2429, -90.1337



Tritanopia

100.5680, 24.8630, -88.1981

Trichromacy



Original Color

115.9330, 68.5600, -56.9462

Protanomaly

114.1280, 69.4499, -62.3793

Deuteranomaly

107.8350, 63.6783, -77.9083

Tritanomaly

106.4720, 40.6863, -76.7129

Monochromacy



Original Color

115.9330, 68.5600, -56.9462

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8120, 25.2357, -20.8831

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9330, 68.5600, -56.9462 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(51, 122, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 122, 255)  
}
```

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(51, 122, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 122, 255) }
```

Border

The CSS property to change the border of an element to YUV 115.9330, 68.5600, -56.9462 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(51, 122, 255) }
```


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

```
.border{ border-color:rgb(51, 122, 255) }
```

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

Here you see how a box with a 4 pixel rgb(51, 122, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 122, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 122, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 122,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 115.9330, 68.5600, -56.9462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 122, 255) }
```

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

```
.background{ background-color: rgb(51, 122,  
255) }
```

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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