

Converting Colors

YUV(115.5560, 53.4629,
-68.0166)

Have a look what the booklet for
YUV(115.5560, 53.4629, -68.0166)
contains.

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Color

**YUV(115.5560, 53.4629,
-68.0166)**

Conversions

Conversions Part 1

Format	Color
Hex	2686E0
RGB	38, 134, 224
RGB Percent	15%, 53%, 88%
CMY	0.8510, 0.4745, 0.1216
CMYK	0.83, 0.40, 0.00, 0.12
HSL	209°, 75%, 51%
HSV	209°, 83%, 88%
XYZ	22.7790, 22.8441, 73.7298
YIQ	115.5560, -86.1060, 7.6380

Conversions

Conversions Part 2

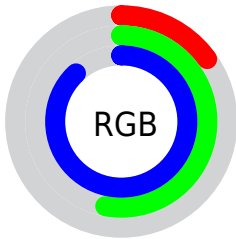
Format	Color
R_{YB}	38, 101, 224
Decimal	2524896
CIE _{Lab}	54.91, 4.92, -53.37
CIE _{LCh}	55, 53.593, 275.272
Yxy	22.8441, 0.1909, 0.1914
Android (android.graphics.Color)	4280714976 (0xFF2686E0)
YUV	115.5560, 53.4629, -68.0166
Hunter-Lab	47.7955, 1.4297, -58.0045

Details

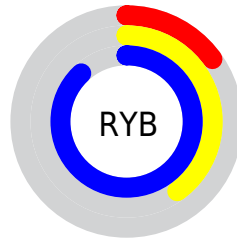
The YUV color **115.5560, 53.4629, -68.0166** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **146.4440, -53.4629, 68.0166**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2240, 40.3156, -51.0624**, and **69.0470, 48.7838, -60.5542** is the 20% darker color. If you saturate the color by 10%, you get **102.5210, 59.8891, -75.8789**, and if you desaturate by 10%, it is **128.5910, 47.0366, -60.1543**.

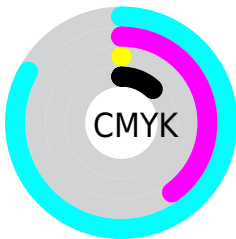
Distribution



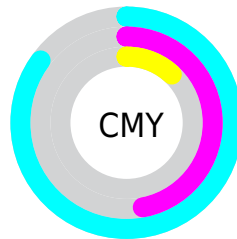
- Red (15%)
- Green (53%)
- Blue (88%)



- Red (15%)
- Yellow (40%)
- Blue (88%)



- Cyan (83%)
- Magenta (40%)
- Yellow (0%)
- Black (12%)



- Cyan (85%)
- Magenta (47%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.5560, 53.4629, -68.0166 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 115.5560, 53.4629, -68.0166 by changing the saturation by 10% instead.

■ 115.5560, 53.4629,
-68.0166

■ 115.5560, 53.4629,
-68.0166

255.0000, 0.0000,
0.0000

■ 86.3270, 54.0688,
-75.7088

■ 173.2240, 40.3156,
-51.0624

■ 69.0470, 48.7838,
-60.5542

■ 198.3420, 27.9324,
-45.9039

■ 53.0550, 43.3569,
-46.5292

■ 224.6340, 14.9704,
-41.7750

■ 37.7640, 38.0773,
-33.1190

■ 240.9470, 6.9281,
-28.8945

■ 23.1740, 32.9452,
-20.3236

■ 250.2160, 2.3585,
-9.8364

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 115.5560, 53.4629,
-68.0166

■ 115.5560, 53.4629,
-68.0166

■ 102.5210, 59.8891,
-75.8789

■ 128.5910, 47.0366,
-60.1543

■ 93.6280, 64.2734,
-82.1118

■ 141.9250, 40.4630,
-51.6772

■ 154.9600, 34.0367,
-43.8149

■ 167.7070, 27.7524,
-34.8230

■ 180.7420, 21.3262,
-26.9607

■ 193.7770, 14.8999,
-19.0984

■ 207.1110, 8.3263,
-10.6213

■ 220.1460, 1.9000,
-2.7590

■ 233.4800, -4.6736,
5.7180

Harmonies

Analogous

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



110.2120, 51.6605, -96.6559



115.5560, 53.4629, -68.0166



134.8600, 36.0580, 8.0158

Triad

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



115.5560, 53.4629, -68.0166



129.1480, -24.2300, 71.7842



99.0110, -3.9494, -86.8326

Complementary

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



115.5560, 53.4629, -68.0166



146.4440, -53.4629, 68.0166

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.



120.1280, -34.5731, -17.6523



115.5560, 53.4629, -68.0166



128.1350, -41.4786, 50.7476

Square

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



115.5560, 53.4629, -68.0166



130.1910, -2.5592, 74.3775



125.0420, -47.3487, 20.1342



106.2440, 16.1487, -93.1760

Rectangle

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



115.5560, 53.4629, -68.0166



135.0830, 24.6091, 40.2692



125.0420, -47.3487, 20.1342



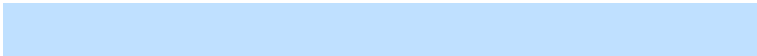
112.5720, -18.0300, -50.4906

Sweetspot

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



115.5560, 53.4629, -68.0166



217.6670, 18.4052, -23.3870



157.4420, -14.5149, -104.7506



105.1860, 11.2473, -14.1951



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.



115.5560, 53.4629, -68.0166



106.5540, 73.1839, -93.4479



60.9650, 80.3763, -20.1403



105.7760, 3.0684, -4.1886



73.4810, 50.5419, -64.4428



20.1470, 13.7315, -17.6689

Inverse Universe

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



104.5580, 14.5149, 104.7506



91.2930, 20.0686, 143.5710



201.0350, -80.3763, 20.1403



104.9730, 0.9993, 6.1627



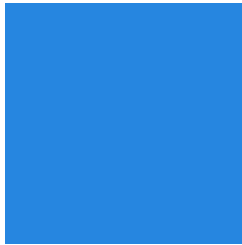
62.9980, 13.8050, 99.1028



17.2020, 3.8444, 27.0098

Previews

White Background



This preview shows how the YUV color 115.5560, 53.4629, -68.0166 looks on a white background.

Color Contrast Check

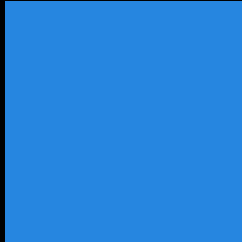
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.5560, 53.4629, -68.0166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

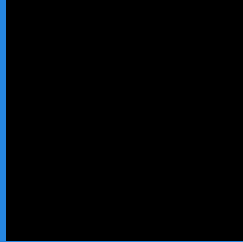
Any Text WCAG AA ✓ Pass

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 115.5560, 53.4629, -68.0166 Background



This preview shows how black text looks on a background with the YUV color 115.5560, 53.4629, -68.0166.



This preview shows how white text looks on a background with the YUV color 115.5560, 53.4629, -68.0166.

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

115.5560, 53.4629, -68.0166

Protanopia

127.7950, 44.4711, -30.5152

Deuteranopia

120.7750, 51.3829, -54.1767



Tritanopia

102.8990, 26.1788, -90.2424

Trichromacy



Original Color

115.5560, 53.4629, -68.0166

Protanomaly

123.2170, 47.7140, -44.0403

Deuteranomaly

118.9700, 52.2728, -59.6097

Tritanomaly

107.5870, 36.1926, -82.0758

Monochromacy



Original Color

115.5560, 53.4629, -68.0166

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1830, 19.1368, -24.7165

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.5560, 53.4629, -68.0166 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(38, 134, 224)` looks like.

```
.text, #text, p{  
    color:rgb(38, 134, 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(38, 134, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 134, 224) }
```

Border

The CSS property to change the border of an element to YUV 115.5560, 53.4629, -68.0166 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(38, 134, 224) }
```


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

```
.border{ border-color:rgb(38, 134, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 134, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 134, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 134, 224);  
box-shadow:4px 4px 4px 4px rgb(38, 134,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 115.5560, 53.4629, -68.0166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 134, 224) }
```

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

```
.background{ background-color: rgb(38, 134,  
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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