

Converting Colors

YUV(115.0850, 67.9921,
-61.4645)

Have a look what the booklet for
YUV(115.0850, 67.9921, -61.4645)
contains.

YUV(115.0850, 67.9921, -61.4645)	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(115.0850, 67.9921,
-61.4645)**

Conversions

Conversions Part 1

Format	Color
Hex	2D7CFD
RGB	45, 124, 253
RGB Percent	18%, 49%, 99%
CMY	0.8235, 0.5137, 0.0078
CMYK	0.82, 0.51, 0.00, 0.01
HSL	217°, 98%, 58%
HSV	217°, 82%, 99%
XYZ	26.0195, 22.0650, 95.8161
YIQ	115.0850, -88.4930, 23.3710

Conversions

Conversions Part 2

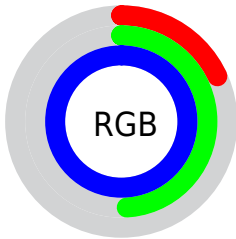
Format	Color
R _Y B	45, 102, 253
Decimal	2981117
CIE Lab	54.10, 22.52, -70.80
CIE LCh	54, 74.296, 287.643
Yxy	22.0650, 0.1808, 0.1533
Android (android.graphics.Color)	4281171197 (0xFF2D7CFD)
YUV	115.0850, 67.9921, -61.4645
Hunter-Lab	46.9734, 16.6709, -88.0579

Details

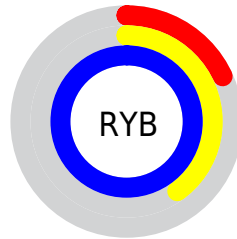
The YUV color **115.0850, 67.9921, -61.4645** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **182.9150, -67.9921, 61.4645**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7570, 42.0248, -39.2519**, and **66.8420, 63.1819, -58.6204** is the 20% darker color. If you saturate the color by 10%, you get **98.2180, 76.3075, -68.5972**, and if you desaturate by 10%, it is **131.9520, 59.6767, -54.3319**.

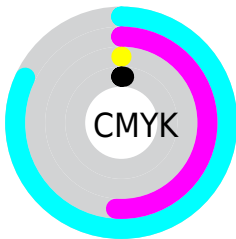
Distribution



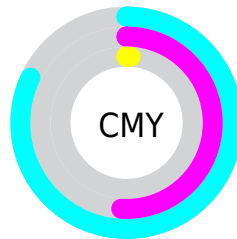
- Red (18%)
- Green (49%)
- Blue (99%)



- Red (18%)
- Yellow (40%)
- Blue (99%)



- Cyan (82%)
- Magenta (51%)
- Yellow (0%)
- Black (1%)



- Cyan (82%)
- Magenta (51%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.0850, 67.9921, -61.4645 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 115.0850, 67.9921, -61.4645 by changing the saturation by 10% instead.

■ 115.0850, 67.9921,
-61.4645

■ 115.0850, 67.9921,
-61.4645

255.0000, 0.0000,
0.0000

■ 84.2360, 68.9037,
-73.8750

■ 169.7570, 42.0248,
-39.2519

■ 66.8420, 63.1819,
-58.6204

■ 195.1740, 29.4942,
-33.4786

■ 51.3230, 57.0288,
-45.0103

■ 221.1780, 16.6742,
-28.2201

■ 36.5050, 51.0230,
-32.0149

■ 244.8340, 5.0118,
-20.9024

■ 22.9750, 44.8753,
-20.1491

■ 254.1030, 0.4422,
-1.8443

■ 17.6630, 34.6761,
-15.4905

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 115.0850, 67.9921,
-61.4645

■ 115.0850, 67.9921,
-61.4645

■ 98.2180, 76.3075,
-68.5972

■ 131.9520, 59.6767,
-54.3319

■ 85.1940, 82.7284,
-74.7151

■ 148.5310, 51.5032,
-46.0697

■ 165.3980, 43.1878,
-38.9370

■ 182.2650, 34.8724,
-31.8044

■ 198.8440, 26.6989,
-23.5422

■ 215.7110, 18.3835,
-16.4095

■ 232.5780, 10.0680,
-9.2769

■ 249.4450, 1.7526,
-2.1443

■ 254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



114.1850, 69.4218, -100.1402



115.0850, 67.9921, -61.4645



131.9640, 41.9227, 40.3736

Triad

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



115.0850, 67.9921, -61.4645



119.9100, -43.3396, 87.7789



102.9720, -1.4652, -90.3064

Complementary

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



115.0850, 67.9921, -61.4645



182.9150, -67.9921, 61.4645

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.



98.5320, -34.2793, -65.3646



115.0850, 67.9921, -61.4645



121.9010, -60.0972, 49.1988

Square

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



115.0850, 67.9921, -61.4645



114.2880, -9.5090, 110.2494



117.1850, -57.7722, 3.3458



111.1970, 27.5109, -97.5198

Rectangle

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



115.0850, 67.9921, -61.4645



124.6180, 26.8103, 81.0190



117.1850, -57.7722, 3.3458



99.1760, -10.9328, -86.9774

Sweetspot

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



115.0850, 67.9921, -61.4645



212.3840, 21.0097, -18.7538



181.6880, -4.2832, -119.8754



102.2510, 12.6943, -11.6211



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.



115.0850, 67.9921, -61.4645



87.4930, 82.5810, -74.1004



75.8880, 87.3162, -6.0408



119.4170, 4.2314, -3.8737



64.6250, 62.3029, -56.6761



21.3840, 21.0097, -18.7538

Inverse Universe

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



116.1980, 3.8464, 119.9754



89.1780, 4.3492, 145.4259



222.1120, -87.3162, 6.0408



119.4570, 0.2677, 7.4922



65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 115.0850, 67.9921, -61.4645 looks on a white background.

Color Contrast Check

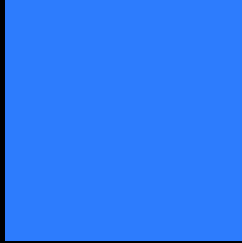
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.0850, 67.9921, -61.4645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

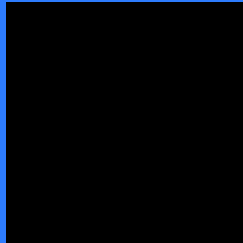
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

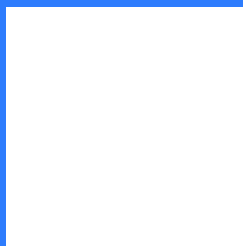
Any Text WCAG AAA × Fail

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

YUV 115.0850, 67.9921, -61.4645 Background



This preview shows how black text looks on a background with the YUV color 115.0850, 67.9921, -61.4645.



This preview shows how white text looks on a background with the YUV color 115.0850, 67.9921, -61.4645.

-61.4645.

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

115.0850, 67.9921, -61.4645

Protanopia

115.6830, 67.6973, -60.2350

Deuteranopia

102.8890, 61.6797, -90.2337



Tritanopia

101.2690, 25.0104, -88.8129

Trichromacy



Original Color

115.0850, 67.9921, -61.4645

Protanomaly

115.3840, 67.8447, -60.8498

Deuteranomaly

106.9380, 64.1206, -79.7526

Tritanomaly

106.1620, 40.8391, -79.0721

Monochromacy



Original Color

115.0850, 67.9921, -61.4645

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9860, 24.6569, -21.9127

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.0850, 67.9921, -61.4645 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(45, 124, 253)` looks like.

```
.text, #text, p{  
    color:rgb(45, 124, 253)  
}
```

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(45, 124, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 124, 253) }
```

Border

The CSS property to change the border of an element to YUV 115.0850, 67.9921, -61.4645 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(45, 124, 253) }
```


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

```
.border{ border-color:rgb(45, 124, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 124, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 124, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 124, 253);  
box-shadow:4px 4px 4px 4px rgb(45, 124,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 115.0850, 67.9921, -61.4645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 124, 253) }
```

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

```
.background{ background-color: rgb(45, 124,  
253) }
```

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