

Converting Colors

YUV(91.4060, 67.8338,
-57.3611)

Have a look what the booklet for
YUV(91.4060, 67.8338, -57.3611)
contains.

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Color

**YUV(91.4060, 67.8338,
-57.3611)**

Conversions

Conversions Part 1

Format	Color
Hex	1A62E5
RGB	26, 98, 229
RGB Percent	10%, 38%, 90%
CMY	0.8980, 0.6157, 0.1020
CMYK	0.89, 0.57, 0.00, 0.10
HSL	219°, 80%, 50%
HSV	219°, 89%, 90%
XYZ	18.9365, 14.6121, 75.9511
YIQ	91.4060, -84.9630, 25.4770

Conversions

Conversions Part 2

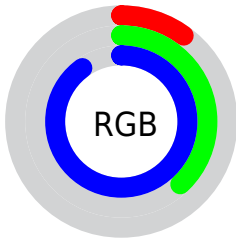
Format	Color
R _Y B	26, 79, 229
Decimal	1729253
CIE Lab	45.10, 28.67, -72.03
CIE LCh	45, 77.528, 291.706
Yxy	14.6121, 0.1729, 0.1334
Android (android.graphics.Color)	4279919333 (0xFF1A62E5)
YUV	91.4060, 67.8338, -57.3611
Hunter-Lab	38.2258, 21.5313, -91.0456

Details

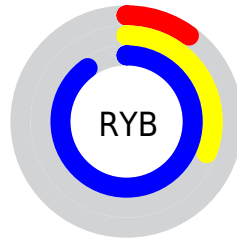
The YUV color **91.4060, 67.8338, -57.3611** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **163.5940, -67.8338, 57.3611**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4340, 52.0440, -32.8296**, and **50.7190, 59.7915, -44.4806** is the 20% darker color. If you saturate the color by 10%, you get **75.7240, 75.5651, -63.7789**, and if you desaturate by 10%, it is **107.0880, 60.1026, -50.9432**.

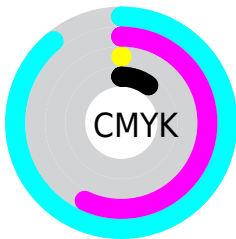
Distribution



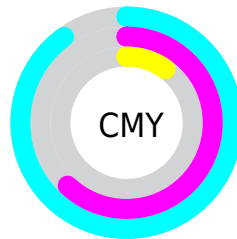
- Red (10%)
- Green (38%)
- Blue (90%)



- Red (10%)
- Yellow (31%)
- Blue (90%)



- Cyan (89%)
- Magenta (57%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (62%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.4060, 67.8338, -57.3611 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 91.4060, 67.8338, -57.3611 by changing the saturation by 10% instead.

■ 91.4060, 67.8338,
-57.3611

■ 91.4060, 67.8338,
-57.3611

■ 255.0000, 0.0000,
0.0000

■ 66.8250, 65.6553,
-58.6055

■ 149.4340, 52.0440,
-32.8296

■ 50.7190, 59.7915,
-44.4806

■ 174.5630, 39.6554,
-25.9268

■ 36.4880, 53.4964,
-32.0000

■ 200.2680, 26.9829,
-21.2830

■ 22.9580, 47.3487,
-20.1342

■ 226.2720, 14.1629,
-16.0245

■ 15.2980, 38.3071,
-13.4163

■ 250.2160, 2.3585,
-9.8364

■ 12.4480, 27.3871,
-10.9169

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 91.4060, 67.8338,
-57.3611

■ 91.4060, 67.8338,
-57.3611

■ 75.7240, 75.5651,
-63.7789

■ 107.0880, 60.1026,
-50.9432

■ 73.6530, 76.5861,
-64.5937

■ 122.7700, 52.3714,
-44.5253

■ 137.8650, 44.9296,
-37.5926

■ 153.5470, 37.1983,
-31.1747

■ 168.9300, 29.6145,
-25.3716

■ 184.6120, 21.8833,
-18.9537

■ 199.7070, 14.4414,
-12.0210

■ 215.3890, 6.7102,
-5.6032

■ 231.0710, -1.0210,
0.8147

Harmonies

Analogous

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



98.0450, 68.5048, -85.9855



91.4060, 67.8338, -57.3611



105.1010, 40.8692, 51.6544

Triad

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



91.4060, 67.8338, -57.3611



94.9650, -46.8177, 83.3457



87.2880, -0.6350, -76.5516

Complementary

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



91.4060, 67.8338, -57.3611



163.5940, -67.8338, 57.3611

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.



74.8910, -35.4423, -65.6794



91.4060, 67.8338, -57.3611



100.8810, -49.7343, 38.6924

Square

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



91.4060, 67.8338, -57.3611



71.2820, -3.5900, 125.1637



94.0940, -46.3883, -7.9754



95.5130, 28.3411, -83.7649

Rectangle

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



91.4060, 67.8338, -57.3611



84.7050, 31.6974, 100.2367



94.0940, -46.3883, -7.9754



84.0790, -10.3919, -73.7373

Sweetspot

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



91.4060, 67.8338, -57.3611



208.5410, 22.9043, -19.7685



159.8670, -2.3994, -117.4014



99.8920, 13.8572, -11.3063



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.



91.4060, 67.8338, -57.3611



81.9000, 85.3383, -71.8263



57.2150, 84.6900, -3.6966



106.7160, 4.0840, -3.2589



57.3870, 59.9552, -50.3284



16.3800, 17.0677, -14.3653

Inverse Universe

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



94.9050, 1.5258, 117.6013



86.5050, 1.7230, 147.7701



197.7850, -84.6900, 3.6966



107.0440, -0.0217, 6.9774



60.7030, 1.1324, 103.7465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 91.4060, 67.8338, -57.3611 looks on a white background.

Color Contrast Check

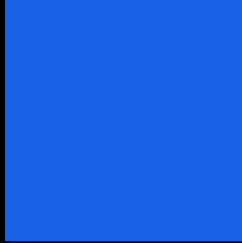
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 91.4060, 67.8338, -57.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

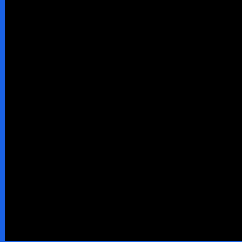
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

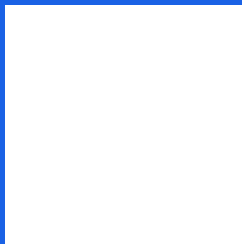
Any Text WCAG AAA × Fail

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

YUV 91.4060, 67.8338, -57.3611 Background



This preview shows how black text looks on a background with the YUV color 91.4060, 67.8338, -57.3611.



This preview shows how white text looks on a background with the YUV color 91.4060, 67.8338, -57.3611.

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

91.4060, 67.8338, -57.3611

Protanopia

84.6120, 65.2673, -74.2047

Deuteranopia

85.1870, 49.7008, -74.7090



Tritanopia

83.5160, 20.4516, -73.2435

Trichromacy



Original Color

91.4060, 67.8338, -57.3611

Protanomaly

87.1720, 65.9772, -68.5568

Deuteranomaly

87.3540, 56.5205, -68.7165

Tritanomaly

86.4300, 37.7490, -67.9061

Monochromacy



Original Color

91.4060, 67.8338, -57.3611

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2850, 24.5095, -21.2979

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4060, 67.8338, -57.3611 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(26, 98, 229)` looks like.

```
.text, #text, p{  
    color:rgb(26, 98, 229)  
}
```

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(26, 98, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 98, 229) }
```

Border

The CSS property to change the border of an element to YUV 91.4060, 67.8338, -57.3611 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(26, 98, 229) }
```


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

```
.border{ border-color:rgb(26, 98, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 98, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 98, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 98, 229);  
box-shadow:4px 4px 4px 4px rgb(26, 98,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 91.4060, 67.8338, -57.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 98, 229) }
```

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

```
.background{ background-color: rgb(26, 98,  
229) }
```

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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