

Converting Colors

YUV(103.5590, 62.3354,
-67.1422)

Have a look what the booklet for
YUV(103.5590, 62.3354, -67.1422)
contains.

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Color

**YUV(103.5590, 62.3354,
-67.1422)**

Conversions

Conversions Part 1

Format	Color
Hex	1B76E6
RGB	27, 118, 230
RGB Percent	11%, 46%, 90%
CMY	0.8941, 0.5373, 0.0980
CMYK	0.88, 0.49, 0.00, 0.10
HSL	213°, 80%, 50%
HSV	213°, 88%, 90%
XYZ	21.2134, 18.9030, 77.3935
YIQ	103.5590, -90.1880, 15.5400

Conversions

Conversions Part 2

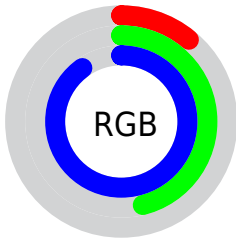
Format	Color
R _Y B	27, 90, 230
Decimal	1799910
CIE Lab	50.57, 16.34, -63.71
CIE LCh	51, 65.768, 284.383
Yxy	18.9030, 0.1805, 0.1609
Android (android.graphics.Color)	4279989990 (0xFF1B76E6)
YUV	103.5590, 62.3354, -67.1422
Hunter-Lab	43.4776, 11.0068, -75.1064

Details

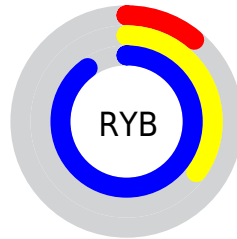
The YUV color **103.5590, 62.3354, -67.1422** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **153.4410, -62.3354, 67.1422**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7610, 45.9668, -43.6404**, and **61.5130, 55.4561, -53.9469** is the 20% darker color. If you saturate the color by 10%, you get **89.0510, 69.4879, -74.5897**, and if you desaturate by 10%, it is **118.0670, 55.1830, -59.6948**.

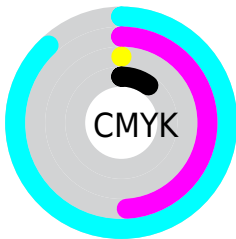
Distribution



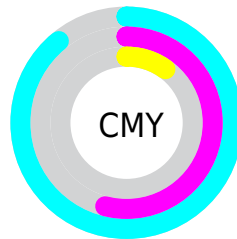
- Red (11%)
- Green (46%)
- Blue (90%)



- Red (11%)
- Yellow (35%)
- Blue (90%)



- Cyan (88%)
- Magenta (49%)
- Yellow (0%)
- Black (10%)



- Cyan (89%)
- Magenta (54%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.5590, 62.3354, -67.1422 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 103.5590, 62.3354, -67.1422 by changing the saturation by 10% instead.

■ 103.5590, 62.3354,
-67.1422

■ 103.5590, 62.3354,
-67.1422

■ 255.0000, 0.0000,
0.0000

■ 78.0920, 60.5936,
-68.4867

■ 161.7610, 45.9668,
-43.6404

■ 61.5130, 55.4561,
-53.9469

■ 187.1780, 33.4362,
-37.8671

■ 45.9940, 49.3030,
-40.3367

■ 213.1820, 20.6163,
-32.6086

■ 31.8770, 43.4446,
-27.9561

■ 239.4740, 7.6543,
-28.4797

■ 13.1780, 40.3382,
-11.5571

■ 249.9170, 2.5059,
-10.4512

■ 12.6760, 28.2607,
-11.1169

■ 7.5920, 18.9351,

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 103.5590, 62.3354,
-67.1422

■ 103.5590, 62.3354,
-67.1422

■ 89.0510, 69.4879,
-74.5897

■ 118.0670, 55.1830,
-59.6948

■ 86.6810, 70.6563,
-76.0192

■ 131.9880, 48.3199,
-51.7325

■ 146.4960, 41.1675,
-44.2850

■ 161.0040, 34.0150,
-36.8375

■ 174.9250, 27.1520,
-28.8752

■ 189.4330, 19.9995,
-21.4277

■ 203.9410, 12.8471,
-13.9803

■ 218.4490, 5.6946,
-6.5328

■ 232.3700, -1.1684,
1.4295

Harmonies

Analogous

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



105.3510, 60.9590, -92.3928



103.5590, 62.3354, -67.1422



123.5620, 38.1769, 28.4481

Triad

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



103.5590, 62.3354, -67.1422



113.4450, -34.7294, 79.4167



94.5600, -3.2341, -82.9291

Complementary

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



103.5590, 62.3354, -67.1422



153.4410, -62.3354, 67.1422

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.



99.5610, -34.7866, -42.5880



103.5590, 62.3354, -67.1422



113.3400, -55.8766, 48.8138

Square

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



103.5590, 62.3354, -67.1422



110.4710, -7.1342, 95.1799



109.8420, -54.1521, 8.9086



102.4600, 21.9582, -89.8574

Rectangle

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



103.5590, 62.3354, -67.1422



119.3510, 24.9700, 64.5902



109.8420, -54.1521, 8.9086



91.2200, -10.9545, -79.9999

Sweetspot

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



103.5590, 62.3354, -67.1422



213.5470, 20.4363, -21.5277



158.9290, -9.8250, -115.7017



103.1260, 12.2629, -13.2655



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.



103.5590, 62.3354, -67.1422



95.9880, 78.3929, -84.1815



53.1320, 87.1959, -14.1478



107.3030, 3.7946, -3.7737



67.3660, 55.0356, -59.0800



19.3150, 15.6207, -16.9393

Inverse Universe

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



98.0710, 9.8250, 115.7017



89.2410, 12.2062, 145.3706



203.8680, -87.1959, 14.1478



107.1580, 0.4151, 6.8774



62.6410, 8.5580, 102.0468



17.8710, 2.5286, 29.0541

Previews

White Background



This preview shows how the YUV color 103.5590, 62.3354, -67.1422 looks on a white background.

Color Contrast Check

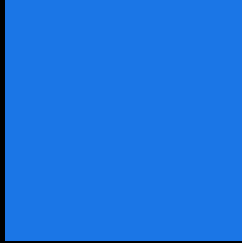
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.5590, 62.3354, -67.1422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

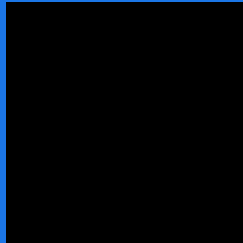
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

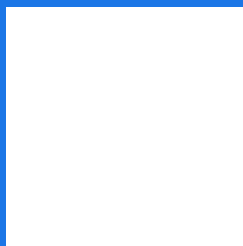
Any Text WCAG AAA × Fail

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

YUV 103.5590, 62.3354, -67.1422 Background



This preview shows how black text looks on a background with the YUV color 103.5590, 62.3354, -67.1422.



This preview shows how white text looks on a background with the YUV color 103.5590, 62.3354, -67.1422.

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

103.5590, 62.3354, -67.1422

Protanopia

111.1270, 57.6184, -47.4694

Deuteranopia

95.8960, 57.7323, -84.1008



Tritanopia

94.2590, 23.5363, -82.6651

Trichromacy



Original Color

103.5590, 62.3354, -67.1422

Protanomaly

108.5390, 59.3873, -54.8467

Deuteranomaly

98.9830, 59.1684, -78.0381

Tritanomaly

97.9620, 37.4867, -77.1427

Monochromacy



Original Color

103.5590, 62.3354, -67.1422

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8070, 22.7731, -24.3867

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.5590, 62.3354, -67.1422 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(27, 118, 230)` looks like.

```
.text, #text, p{  
    color:rgb(27, 118, 230)  
}
```

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(27, 118, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 118, 230) }
```

Border

The CSS property to change the border of an element to YUV 103.5590, 62.3354, -67.1422 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(27, 118, 230) }
```


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

```
.border{ border-color:rgb(27, 118, 230) }
```

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

Here you see how a box with a 4 pixel rgb(27, 118, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 118, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 118, 230);  
box-shadow:4px 4px 4px 4px rgb(27, 118,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 103.5590, 62.3354, -67.1422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 118, 230) }
```

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

```
.background{ background-color: rgb(27, 118,  
230) }
```

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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