

Converting Colors

YUV(96.4760, 68.2923,
-64.4385)

Have a look what the booklet for
YUV(96.4760, 68.2923, -64.4385)
contains.

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Color

**YUV(96.4760, 68.2923,
-64.4385)**

Conversions

Conversions Part 1

Format	Color
Hex	176BEB
RGB	23, 107, 235
RGB Percent	9%, 42%, 92%
CMY	0.9098, 0.5804, 0.0784
CMYK	0.90, 0.54, 0.00, 0.08
HSL	216°, 84%, 51%
HSV	216°, 90%, 92%
XYZ	20.6064, 16.6957, 80.7338
YIQ	96.4760, -91.1520, 22.0000

Conversions

Conversions Part 2

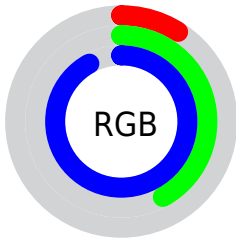
Format	Color
R _Y B	23, 83, 235
Decimal	1534955
CIE Lab	47.87, 25.05, -70.89
CIE LCh	48, 75.188, 289.462
Yxy	16.6957, 0.1746, 0.1414
Android (android.graphics.Color)	4279725035 (0xFF176BEB)
YUV	96.4760, 68.2923, -64.4385
Hunter-Lab	40.8604, 18.5143, -88.5456

Details

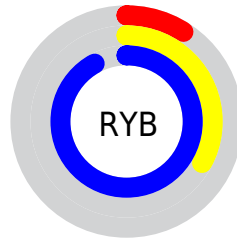
The YUV color **96.4760, 68.2923, -64.4385** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **161.5240, -68.2923, 64.4385**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3040, 49.1501, -37.9776**, and **56.0990, 60.0972, -49.1988** is the 20% darker color. If you saturate the color by 10%, you get **81.3810, 75.7342, -71.3711**, and if you desaturate by 10%, it is **111.8700, 60.7031, -56.8910**.

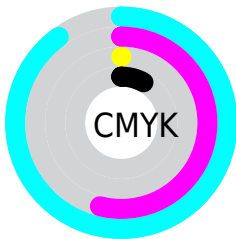
Distribution



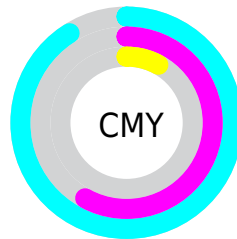
- Red (9%)
- Green (42%)
- Blue (92%)



- Red (9%)
- Yellow (33%)
- Blue (92%)



- Cyan (90%)
- Magenta (54%)
- Yellow (0%)
- Black (8%)



- Cyan (91%)
- Magenta (58%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4760, 68.2923, -64.4385 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 96.4760, 68.2923, -64.4385 by changing the saturation by 10% instead.

■ 96.4760, 68.2923,
-64.4385

■ 96.4760, 68.2923,
-64.4385

■ 255.0000, 0.0000,
0.0000

■ 72.2050, 65.9609,
-63.3238

■ 155.3040, 49.1501,
-37.9776

■ 56.0990, 60.0972,
-49.1988

■ 180.4330, 36.7615,
-31.0747

■ 41.2810, 54.0915,
-36.2034

■ 206.4370, 23.9416,
-25.8162

■ 28.2240, 47.2176,
-24.7524

■ 232.1420, 11.2690,
-21.1725

■ 12.9330, 41.9380,
-11.3422

■ 250.5150, 2.2111,
-9.2217

■ 13.6050, 29.2817,
-11.9316

■ 8.0480, 20.6823,

-7.0581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 96.4760, 68.2923,
-64.4385

■ 96.4760, 68.2923,
-64.4385

■ 81.3810, 75.7342,
-71.3711

■ 111.8700, 60.7031,
-56.8910

■ 126.9650, 53.2613,
-49.9583

■ 142.9460, 45.3826,
-42.9256

■ 158.0410, 37.9408,
-35.9930

■ 173.4350, 30.3515,
-28.4455

■ 188.5300, 22.9097,
-21.5128

■ 203.6250, 15.4679,
-14.5801

■ 219.6060, 7.5892,
-7.5475

■ 235.0000, 0.0000,
0.0000

Harmonies

Analogous

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



102.4960, 67.7895, -89.8890



96.4760, 68.2923, -64.4385



114.0570, 40.8909, 44.6770

Triad

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



96.4760, 68.2923, -64.4385



101.8620, -47.2600, 85.1900



91.6250, -1.7871, -80.3551

Complementary

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



96.4760, 68.2923, -64.4385



161.5240, -68.2923, 64.4385

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.



79.9120, -33.9736, -70.0828



96.4760, 68.2923, -64.4385



107.4040, -52.9502, 43.4957

Square

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



96.4760, 68.2923, -64.4385



90.5920, -7.1939, 114.3678



101.8020, -50.1884, -2.4574



99.7360, 26.7522, -87.4685

Rectangle

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



96.4760, 68.2923, -64.4385



103.2920, 27.9570, 86.5669



101.8020, -50.1884, -2.4574



88.5300, -11.1073, -77.6408

Sweetspot

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



96.4760, 68.2923, -64.4385



209.7150, 22.3255, -20.7981



161.9220, -5.8775, -121.8346



101.0660, 13.2785, -12.3359



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.



96.4760, 68.2923, -64.4385



88.3570, 82.1550, -77.4891



53.4470, 89.5056, -8.2850



109.6020, 3.6472, -3.1590



62.8980, 58.2243, -55.1615



18.4830, 17.5099, -16.2096

Inverse Universe

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



95.9640, 5.4407, 121.9346



87.7590, 6.5278, 146.6704



204.5530, -89.5056, 8.2850



109.7450, 0.1257, 6.3626



62.3270, 4.7688, 104.0762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 96.4760, 68.2923, -64.4385 looks on a white background.

Color Contrast Check

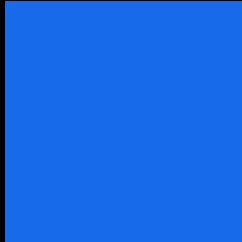
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.4760, 68.2923, -64.4385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

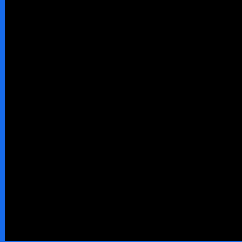
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

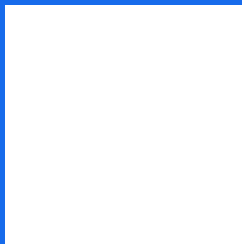
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.4760, 68.2923, -64.4385

Background



This preview shows how black text looks on a background with the YUV color 96.4760, 68.2923, -64.4385.



This preview shows how white text looks on a background with the YUV color 96.4760, 68.2923,

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

96.4760, 68.2923, -64.4385

Protanopia

90.3170, 69.3567, -79.2080

Deuteranopia

90.7780, 53.3534, -79.6123



Tritanopia

88.5370, 21.9203, -77.6469

Trichromacy



Original Color

96.4760, 68.2923, -64.4385

Protanomaly

92.2360, 68.9037, -73.8750

Deuteranomaly

92.8910, 58.7207, -74.4494

Tritanomaly

91.0380, 38.9283, -72.8243

Monochromacy



Original Color

96.4760, 68.2923, -64.4385

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0890, 25.0991, -23.7571

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4760, 68.2923, -64.4385 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(23, 107, 235)` looks like.

```
.text, #text, p{  
    color:rgb(23, 107, 235)  
}
```

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(23, 107, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 107, 235) }
```

Border

The CSS property to change the border of an element to YUV 96.4760, 68.2923, -64.4385 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(23, 107, 235) }
```


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

```
.border{ border-color:rgb(23, 107, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 107, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 107, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 107, 235);  
box-shadow:4px 4px 4px 4px rgb(23, 107,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 96.4760, 68.2923, -64.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 107, 235) }
```

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

```
.background{ background-color: rgb(23, 107,  
235) }
```

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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