

Converting Colors

YUV(64.6760, 78.5467,
-40.0579)

Have a look what the booklet for
YUV(64.6760, 78.5467, -40.0579)
contains.

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Color

**YUV(64.6760, 78.5467,
-40.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	1339E0
RGB	19, 57, 224
RGB Percent	7%, 22%, 88%
CMY	0.9255, 0.7765, 0.1216
CMYK	0.92, 0.75, 0.00, 0.12
HSL	229°, 84%, 48%
HSV	229°, 92%, 88%
XYZ	15.1862, 8.4465, 71.3509
YIQ	64.6760, -76.2550, 43.8810

Conversions

Conversions Part 2

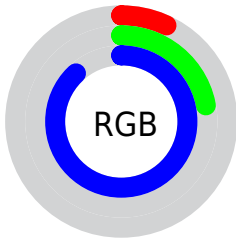
Format	Color
R _Y B	19, 51, 224
Decimal	1260000
CIE Lab	34.90, 51.94, -85.97
CIE LCh	35, 100.436, 301.138
Yxy	8.4465, 0.1599, 0.0889
Android (android.graphics.Color)	4279450080 (0xFF1339E0)
YUV	64.6760, 78.5467, -40.0579
Hunter-Lab	29.0629, 42.4115, -125.2160

Details

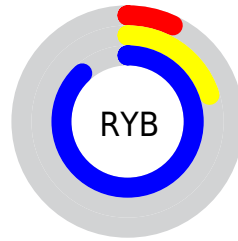
The YUV color **64.6760, 78.5467, -40.0579** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **178.3240, -78.5467, 40.0579**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.1930, 64.4879, -10.6933**, and **26.6690, 69.1832, -23.3887** is the 20% darker color. If you saturate the color by 10%, you get **50.1900, 85.6883, -44.0166**, and if you desaturate by 10%, it is **81.8200, 70.0947, -35.7991**.

Distribution



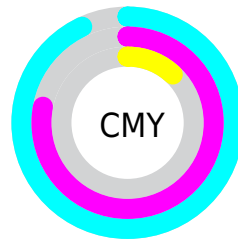
- Red (7%)
- Green (22%)
- Blue (88%)



- Red (7%)
- Yellow (20%)
- Blue (88%)



- Cyan (92%)
- Magenta (75%)
- Yellow (0%)
- Black (12%)



- Cyan (93%)
- Magenta (78%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.6760, 78.5467, -40.0579 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 64.6760, 78.5467, -40.0579 by changing the saturation by 10% instead.

■ 64.6760, 78.5467,
-40.0579

■ 64.6760, 78.5467,
-40.0579

■ 255.0000, 0.0000,
0.0000

■ 42.1880, 75.3363,
-36.9989

■ 124.1930, 64.4879,
-10.6933

■ 26.6690, 69.1832,
-23.3887

■ 149.6210, 51.9518,
-3.1756

■ 15.9600, 61.1517,
-13.9969

■ 175.0380, 39.4213,
2.5977

■ 12.8820, 49.3582,
-11.2975

■ 200.1560, 27.0381,
7.7562

■ 16.9620, 34.5287,
-14.8757

■ 226.1600, 14.2181,
13.0147

■ 10.7040, 25.7819,
-9.3874

■ 246.7820, 4.0515,

■ 6.3210, 16.6037,

7.2072

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 64.6760, 78.5467,
-40.0579

■ 64.6760, 78.5467,
-40.0579

■ 50.1900, 85.6883,
-44.0166

■ 81.8200, 70.0947,
-35.7991

■ 99.2630, 61.4953,
-30.9257

■ 116.9940, 52.7540,
-27.1817

■ 134.4370, 44.1546,
-22.3082

■ 151.5810, 35.7026,
-18.0495

■ 168.7250, 27.2506,
-13.7908

■ 186.7550, 18.3618,
-9.4321

■ 203.8990, 9.9098,
-5.1734

■ 221.3420, 1.3104,
-0.2999

Harmonies

Analogous

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



84.7380, 80.9812, -74.3152



64.6760, 78.5467, -40.0579



69.7820, 44.9705, 89.6452

Triad

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



64.6760, 78.5467, -40.0579



67.7870, -33.4190, 79.1168



72.8580, 5.0000, -63.8965

Complementary

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



64.6760, 78.5467, -40.0579



178.3240, -78.5467, 40.0579

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.



61.6350, -30.3861, -54.0539



64.6760, 78.5467, -40.0579



76.8490, -37.8866, 18.5494

Square

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



64.6760, 78.5467, -40.0579



59.8430, -28.0236, 122.0407



58.1130, -28.6497, -50.9651



83.3800, 40.2387, -73.1243

Rectangle

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



64.6760, 78.5467, -40.0579



72.9380, 18.2716, 113.1874



58.1130, -28.6497, -50.9651



69.0790, -6.9409, -60.5823

Sweetspot

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



64.6760, 78.5467, -40.0579



201.4970, 26.3770, -13.5909



158.0310, 12.3097, -121.9302



95.7830, 15.8830, -7.7027



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.



64.6760, 78.5467, -40.0579



56.6590, 97.7821, -49.6899



60.6090, 80.5518, 17.0059



103.4280, 4.2260, -2.1294



39.4350, 67.3265, -34.5845



10.7550, 18.3618, -9.4321

Inverse Universe

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



84.6270, -13.6201, 122.2301



81.6030, -17.0593, 152.0692



182.3910, -80.5518, -17.0059



104.5170, -0.7479, 6.5626



56.3860, -11.5293, 104.9015



15.3780, -3.1444, 28.6095

Previews

White Background



This preview shows how the YUV color 64.6760, 78.5467, -40.0579 looks on a white background.

Color Contrast Check

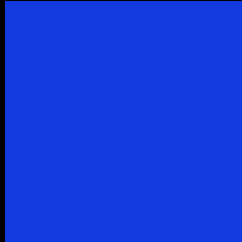
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 64.6760, 78.5467, -40.0579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

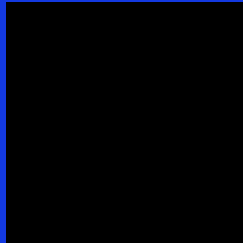
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.6760, 78.5467, -40.0579

Background



This preview shows how black text looks on a background with the YUV color 64.6760, 78.5467, -40.0579.



This preview shows how white text looks on a background with the YUV color 64.6760, 78.5467, -40.0579.

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

64.6760, 78.5467, -40.0579

Protanopia

65.1830, 49.2098, -57.1655

Deuteranopia

65.3820, 37.2797, -57.3400



Tritanopia

64.2470, 15.1612, -56.3446

Trichromacy



Original Color

64.6760, 78.5467, -40.0579

Protanomaly

64.9740, 59.6658, -50.8432

Deuteranomaly

65.0250, 52.2457, -50.8879

Tritanomaly

64.6540, 38.1316, -50.5626

Monochromacy



Original Color

64.6760, 78.5467, -40.0579

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.7680, 28.7084, -14.7055

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.6760, 78.5467, -40.0579 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(19, 57, 224)` looks like.

```
.text, #text, p{  
    color:rgb(19, 57, 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(19, 57, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 57, 224) }
```

Border

The CSS property to change the border of an element to YUV 64.6760, 78.5467, -40.0579 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(19, 57, 224) }
```


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

```
.border{ border-color:rgb(19, 57, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 57, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 57, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 57, 224);  
box-shadow:4px 4px 4px 4px rgb(19, 57,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 64.6760, 78.5467, -40.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 57, 224) }
```

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

```
.background{ background-color: rgb(19, 57,  
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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