

Converting Colors

YUV(64.0060, -16.2720,
-54.3793)

Have a look what the booklet for
YUV(64.0060, -16.2720, -54.3793)
contains.

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Color

**YUV(64.0060, -16.2720,
-54.3793)**

Conversions

Conversions Part 1

Format	Color
Hex	02661F
RGB	2, 102, 31
RGB Percent	1%, 40%, 12%
CMY	0.9922, 0.6000, 0.8784
CMYK	0.98, 0.00, 0.70, 0.60
HSL	137°, 96%, 20%
HSV	137°, 98%, 40%
XYZ	5.0237, 9.6146, 2.8873
YIQ	64.0060, -36.8090, -43.2810

Conversions

Conversions Part 2

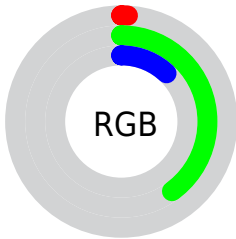
Format	Color
RYB	2, 80, 102
Decimal	157215
CIELab	37.14, -41.42, 31.98
CIELCh	37, 52.327, 142.323
Yxy	9.6146, 0.2867, 0.5486
Android (android.graphics.Color)	4278347295 (0xFF02661F)
YUV	64.0060, -16.2720, -54.3793
Hunter-Lab	31.0074, -25.3429, 16.1842

Details

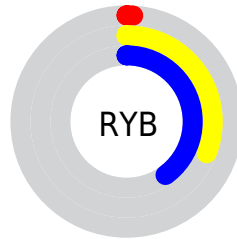
The YUV color **64.0060, -16.2720, -54.3793** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **39.9940, 16.2720, 54.3793**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9320, -20.6725, -42.9134**, and **31.1110, -15.3377, -27.2843** is the 20% darker color. If you saturate the color by 10%, you get **63.2940, -16.4139, -55.5088**, and if you desaturate by 10%, it is **67.7940, -14.6884, -48.9313**.

Distribution



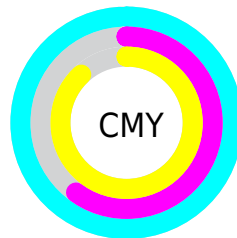
- Red (1%)
- Green (40%)
- Blue (12%)



- Red (1%)
- Yellow (31%)
- Blue (40%)



- Cyan (98%)
- Magenta (0%)
- Yellow (70%)
- Black (60%)



- Cyan (99%)
- Magenta (60%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0060, -16.2720, -54.3793 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 64.0060, -16.2720, -54.3793 by changing the saturation by 10% instead.

■ 64.0060, -16.2720,
-54.3793

■ 64.0060, -16.2720,
-54.3793

255.0000, 0.0000,
0.0000

■ 45.8830, -19.6623,
-40.2394

■ 120.9320,
-20.6725, -42.9134

■ 31.1110, -15.3377,
-27.2843

■ 147.7040,
-21.5461, -42.7134

■ 19.3710, -9.5499,
-16.9884

■ 175.0630,
-22.7091, -43.0283


■ 0.0000, 0.0000,
0.0000


■ 203.5360,
-23.4352, -43.4431


■ 224.9650,
-20.6887, -37.6803


■ 236.8280,


-12.7332, -22.6512


 248.6910, -4.7777,
-7.6220


 64.0060, -16.2720,
-54.3793


 64.0060, -16.2720,
-54.3793


 63.2940, -16.4139,
-55.5088

 67.7940, -14.6884,
-48.9313

 71.5820, -13.1049,
-43.4834

 75.7830, -11.2320,
-37.5207

 79.5710, -9.6485,
-32.0728

 83.3590, -8.0650,
-26.6248

■ 87.1470, -6.4815,
-21.1769

■ 91.0490, -4.4612,
-15.8290

■ 95.1360, -3.0250,
-9.7663

■ 98.9240, -1.4415,
-4.3183

Harmonies

Analogous

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



78.4890, -38.6951, -2.1829



64.0060, -16.2720, -54.3793



70.7720, 2.0844, -62.0670

Triad

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



64.0060, -16.2720, -54.3793



75.9600, 47.3477, -66.6169



80.2800, -10.9840, 69.9144

Complementary

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



64.0060, -16.2720, -54.3793



39.9940, 16.2720, 54.3793

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.



82.1110, 8.8193, 64.8007



64.0060, -16.2720, -54.3793



84.7100, 40.0760, -20.7937

Square

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



64.0060, -16.2720, -54.3793



78.6040, 37.1702, -68.9357



89.1530, 25.0676, 33.1918



82.3880, -31.7433, 54.9107

Rectangle

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



64.0060, -16.2720, -54.3793



74.0780, 14.7515, -64.9664



89.1530, 25.0676, 33.1918



79.8270, -3.8587, 71.1887

Sweetspot

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



64.0060, -16.2720, -54.3793



118.1470, -6.4815, -21.1769



82.2280, -39.5524, -7.2160



57.2990, -3.5984, -12.5402



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0060, -16.2720, -54.3793



82.4030, -21.8907, -72.2674



69.5920, 5.1311, -59.2782



49.0490, -1.0102, -2.6740



71.2670, -18.8656, -62.5012



150.0340, -39.4568, -131.5798

Inverse Universe

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



39.9940, 16.2720, 54.3793



50.4830, 21.4539, 72.3674



34.4080, -5.1311, 59.2782



47.9510, 1.0102, 2.6740



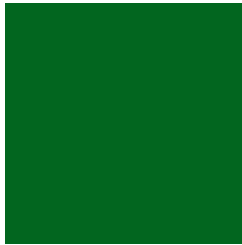
43.6190, 18.4288, 62.6011



91.9660, 39.4568, 131.5798

Previews

White Background



This preview shows how the YUV color 64.0060, -16.2720, -54.3793 looks on a white background.

Color Contrast Check

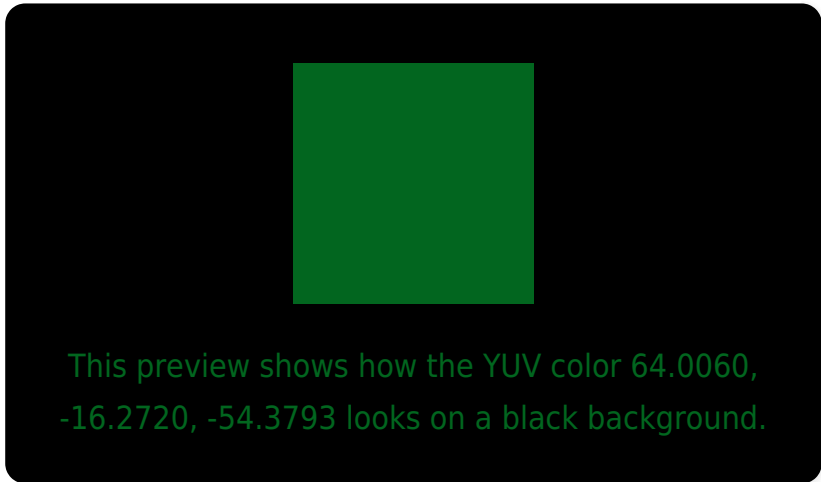
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 64.0060, -16.2720, -54.3793

Background



This preview shows how black text looks on a background with the YUV color 64.0060, -16.2720, -54.3793.



This preview shows how white text looks on a background with the YUV color 64.0060, -16.2720,

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

64.0060, -16.2720, -54.3793

Protanopia

84.0360, -28.1187, 12.2464

Deuteranopia

85.3450, -23.3411, 19.8684



Tritanopia

80.0650, 11.3070, -33.3830

Trichromacy



Original Color

64.0060, -16.2720, -54.3793

Protanomaly

76.6200, -23.9697, -11.9447

Deuteranomaly

77.4510, -20.9283, -7.4115

Tritanomaly

74.3770, 1.2931, -41.5496

Monochromacy



Original Color

64.0060, -16.2720, -54.3793

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9730, -5.9027, -20.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0060, -16.2720, -54.3793 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(2, 102, 31)` looks like.

```
.text, #text, p{  
    color:rgb(2, 102, 31)  
}
```

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(2, 102, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 102, 31) }
```

Border

The CSS property to change the border of an element to YUV 64.0060, -16.2720, -54.3793 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(2, 102, 31) }
```


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

```
.border{ border-color:rgb(2, 102, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 102, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 102, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 102, 31);  
box-shadow:4px 4px 4px 4px rgb(2, 102, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.0060, -16.2720, -54.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 102, 31) }
```

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

```
.background{ background-color: rgb(2, 102,  
31) }
```

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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