

Converting Colors

YUV(64.0110, -16.7674,
11.3914)

Have a look what the booklet for
YUV(64.0110, -16.7674, 11.3914)
contains.

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Color

**YUV(64.0110, -16.7674,
11.3914)**

Conversions

Conversions Part 1

Format	Color
Hex	4D401E
RGB	77, 64, 30
RGB Percent	30%, 25%, 12%
CMY	0.6980, 0.7490, 0.8824
CMYK	0.00, 0.17, 0.61, 0.70
HSL	43°, 44%, 21%
HSV	43°, 61%, 30%
XYZ	5.1283, 5.3383, 1.9884
YIQ	64.0110, 18.6620, -7.8180

Conversions

Conversions Part 2

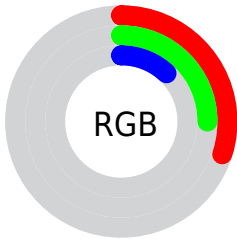
Format	Color
R_{YB}	48, 77, 30
Decimal	5062686
CIE Lab	27.68, 0.67, 22.64
CIE LCh	28, 22.648, 88.304
Yxy	5.3383, 0.4117, 0.4286
Android (android.graphics.Color)	4283252766 (0xFF4D401E)
YUV	64.0110, -16.7674, 11.3914
Hunter-Lab	23.1048, -0.8137, 11.0708




Details

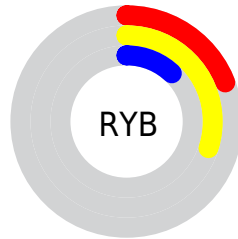
The YUV color **64.0110, -16.7674, 11.3914** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **42.9890, 16.7674, -11.3914**, and the grayscale version is **64.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **112.5660, -18.5200, 13.5356**, and **22.1830, -10.9362, 7.7325** is the 20% darker color. If you saturate the color by 10%, you get **61.9250, -19.6830, 13.2208**, and if you desaturate by 10%, it is **66.0970, -13.8518, 9.5619**.

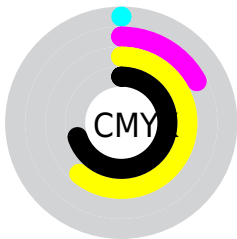
Distribution







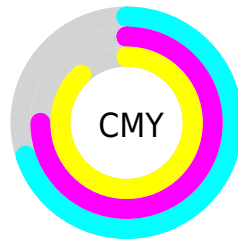
-  Red (30%)
-  Green (25%)
-  Blue (12%)






-  Red (19%)
-  Yellow (30%)
-  Blue (12%)



-  Cyan (0%)
-  Magenta (17%)
-  Yellow (61%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (75%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0110, -16.7674, 11.3914 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 64.0110, -16.7674, 11.3914 by changing the saturation by 10% instead.

■ 64.0110, -16.7674,
11.3914

■ 64.0110, -16.7674,
11.3914

■ 255.0000, 0.0000,
0.0000

■ 41.2990, -16.9094,
10.2618

■ 112.5660,
-18.5200, 13.5356

■ 22.1830, -10.9362,
7.7325

■ 137.7510,
-19.1042, 14.2504

■ 0.0000, 0.0000,
0.0000

■ 163.9360,
-19.6884, 14.9651

■ 191.1210,
-20.2727, 15.6799

■ 219.3060,
-20.8569, 16.3946

■ 244.0170,

-19.2354, 9.6321

252.4920, -9.6096,
2.1995

64.0110, -16.7674,
11.3914

64.0110, -16.7674,
11.3914

61.9250, -19.6830,
13.2208

66.0970, -13.8518,
9.5619

59.9530, -22.1618,
14.9502

68.0690, -11.3730,
7.8325

57.8670, -25.0774,
16.7796

70.1550, -8.4574,
6.0031

55.8950, -27.5562,
18.5091

72.8280, -5.8312,
3.6588

74.9140, -2.9156,
1.8294

■ 76.8860, -0.4368,
0.1000

■ 78.9720, 2.4788,
-1.7294

■ 81.0580, 5.3944,
-3.5589

■ 83.0300, 7.8732,
-5.2883

Harmonies

Analogous

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



65.3590, -14.4740, 22.4872



64.0110, -16.7674, 11.3914



62.0200, -13.8139, -2.6485

Triad

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



64.0110, -16.7674, 11.3914



52.6720, 13.9657, -46.1933



67.5750, 8.0975, 16.1587

Complementary

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



64.0110, -16.7674, 11.3914



42.9890, 16.7674, -11.3914

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.



66.1860, 14.6983, -1.0401



64.0110, -16.7674, 11.3914



52.9800, 20.2229, -46.4635

Square

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



64.0110, -16.7674, 11.3914



52.5280, 5.6557, -40.8051



61.1940, 19.1314, -22.9721



66.5780, 0.2080, 26.6801

Rectangle

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



64.0110, -16.7674, 11.3914



60.8060, -9.2714, -12.9849



61.1940, 19.1314, -22.9721



67.5250, 10.5872, 10.9406

Sweetspot

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



64.0110, -16.7674, 11.3914



94.1270, -5.9786, 4.2736



45.5350, -1.2498, 27.5948



47.9850, -3.9366, 2.6442



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



64.0110, -16.7674, 11.3914



79.0520, -25.6616, 17.4944



68.6520, -19.0554, -1.4488



36.9570, -1.4578, 0.9147



73.9360, -36.4504, 24.6121



166.2120, -81.9425, 55.9421

Inverse Universe

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



42.9890, 16.7674, -11.3914



46.9480, 25.6616, -17.4944



38.3480, 19.0554, 1.4488



35.0430, 1.4578, -0.9147



28.0640, 36.4504, -24.6121



63.2010, 82.2319, -55.4273

Previews

White Background



This preview shows how the YUV color 64.0110, -16.7674, 11.3914 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 64.0110, -16.7674, 11.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

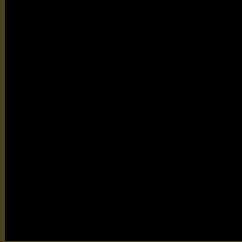
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.0110, -16.7674, 11.3914

Background



This preview shows how black text looks on a background with the YUV color 64.0110, -16.7674, 11.3914.

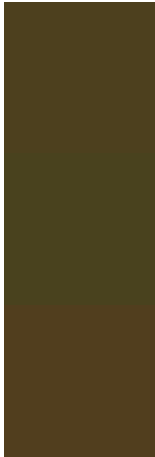


This preview shows how white text looks on a background with the YUV color 64.0110, -16.7674,

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

64.0110, -16.7674, 11.3914

Protanopia

63.9890, -16.7566, 7.9026

Deuteranopia

64.0330, -16.7783, 14.8801



Tritanopia

66.5500, -0.7641, 11.7957

Trichromacy



Original Color

64.0110, -16.7674, 11.3914

Protanomaly

63.7010, -16.6146, 9.0322

Deuteranomaly

64.3210, -16.9203, 13.7505

Tritanomaly

65.3560, -6.5845, 11.9658

Monochromacy



Original Color

64.0110, -16.7674, 11.3914

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1270, -5.9786, 4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0110, -16.7674, 11.3914 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(77, 64, 30)` looks like.

```
.text, #text, p{  
    color:rgb(77, 64, 30)  
}
```

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(77, 64, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 64, 30) }
```

Border

The CSS property to change the border of an element to YUV 64.0110, -16.7674, 11.3914 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(77, 64, 30) }
```


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

```
.border{ border-color:rgb(77, 64, 30) }
```

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

Here you see how a box with a 4 pixel rgb(77, 64, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 64, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 64, 30);  
box-shadow:4px 4px 4px 4px rgb(77, 64, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.0110, -16.7674, 11.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 64, 30) }
```

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

```
.background{ background-color: rgb(77, 64,  
30) }
```

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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