

Converting Colors

YUV(64.0110, -30.0784,
34.1934)

Have a look what the booklet for
YUV(64.0110, -30.0784, 34.1934)
contains.

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Color

**YUV(64.0110, -30.0784,
34.1934)**

Conversions

Conversions Part 1

Format	Color
Hex	673803
RGB	103, 56, 3
RGB Percent	40%, 22%, 1%
CMY	0.5961, 0.7804, 0.9882
CMYK	0.00, 0.46, 0.97, 0.60
HSL	32°, 94%, 21%
HSV	32°, 97%, 40%
XYZ	7.0241, 5.7185, 0.8197
YIQ	64.0110, 45.0250, -6.5190

Conversions

Conversions Part 2

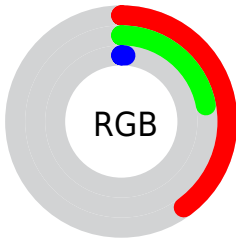
Format	Color
R_{YB}	92, 103, 3
Decimal	6764547
CIE _{Lab}	28.69, 17.19, 37.74
CIE _{LCh}	29, 41.473, 65.512
Yxy	5.7185, 0.5179, 0.4216
Android (android.graphics.Color)	4284954627 (0xFF673803)
YUV	64.0110, -30.0784, 34.1934
Hunter-Lab	23.9134, 10.5829, 14.7070

Details

The YUV color **64.0110, -30.0784, 34.1934** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **41.9890, 30.0784, -34.1934**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.8160, -30.9683, 39.6264**, and **22.5810, -11.1324, 24.0465** is the 20% darker color. If you saturate the color by 10%, you get **63.0820, -31.0994, 35.0081**, and if you desaturate by 10%, it is **68.0860, -27.1574, 30.6196**.

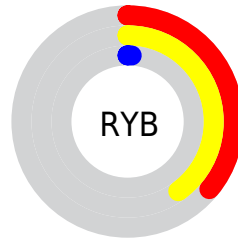
Distribution



Red (40%)

Green (22%)

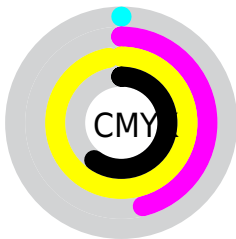
Blue (1%)



Red (36%)

Yellow (40%)

Blue (1%)

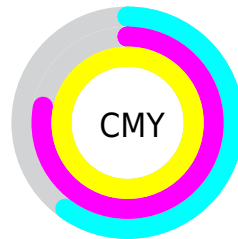


Cyan (0%)

Magenta (46%)

Yellow (97%)

Black (60%)



Cyan (60%)

Magenta (78%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0110, -30.0784, 34.1934 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, -30.0784, 34.1934 by changing the saturation by 10% instead.

■ 64.0110, -30.0784,
34.1934

■ 64.0110, -30.0784,
34.1934

■ 252.7200, -8.7360,
1.9996

■ 42.6820, -21.0422,
29.2199

■ 113.8160,
-30.9683, 39.6264

■ 22.5810, -11.1324,
24.0465

■ 139.5990,
-31.8473, 41.5707

■ 7.2900, -3.1010,
14.6547

■ 167.2680,
-33.1631, 43.6150

■ 0.0000, 0.0000,
0.0000

■ 194.0510,
-34.0421, 45.5593

■ 216.2560,
-31.6782, 33.9785

■ 235.7700,

-27.9876, 16.8647

■ 249.4140,
-21.4031, 4.8989

■ 64.0110, -30.0784,
34.1934

■ 64.0110, -30.0784,
34.1934

■ 63.0820, -31.0994,
35.0081

■ 68.0860, -27.1574,
30.6196

■ 72.2750, -23.7996,
26.9458

■ 76.3500, -20.8785,
23.3721

■ 79.8380, -17.6681,
20.3131

■ 84.0270, -14.3103,
16.6393

■ 88.1020, -11.3893,
13.0655

■ 92.1770, -8.4683,
9.4918

■ 96.2520, -5.5472,
5.9180

■ 100.4410, -2.1894,
2.2442

Harmonies

Analogous

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



63.5950, -15.5763, 49.4672



64.0110, -30.0784, 34.1934



62.9390, -31.0289, 12.3315

Triad

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



64.0110, -30.0784, 34.1934



56.4560, 8.1562, -49.5119



68.9770, 25.1543, 5.2822

Complementary

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



64.0110, -30.0784, 34.1934



41.9890, 30.0784, -34.1934

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.



56.1380, 37.4000, -49.2330



64.0110, -30.0784, 34.1934



59.9900, 21.6969, -52.6112

Square

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



64.0110, -30.0784, 34.1934



51.5200, -5.6794, -45.1830



60.1500, 32.4641, -52.7515



67.7870, 13.4160, 37.0208

Rectangle

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



64.0110, -30.0784, 34.1934



60.1820, -29.6697, -3.6676



60.1500, 32.4641, -52.7515



66.9150, 29.1289, -9.5725

Sweetspot

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



64.0110, -30.0784, 34.1934



119.9880, -11.8261, 13.1655



38.3720, 6.2256, 56.6788



59.8070, -7.2999, 8.0623



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



64.0110, -30.0784, 34.1934



82.6290, -40.7361, 45.9294



91.0020, -43.3850, 8.7682



49.2560, -1.6052, 1.5295



70.1920, -34.6047, 39.2966



147.4940, -72.7145, 82.8818

Inverse Universe

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



41.9890, 30.0784, -34.1934



52.9580, 40.4467, -46.4442



14.9980, 43.3850, -8.7682



47.7440, 1.6052, -1.5295



44.8080, 34.6047, -39.2966



94.5060, 72.7145, -82.8818

Previews

White Background



This preview shows how the YUV color 64.0110, -30.0784, 34.1934 looks on a white background.

Color Contrast Check

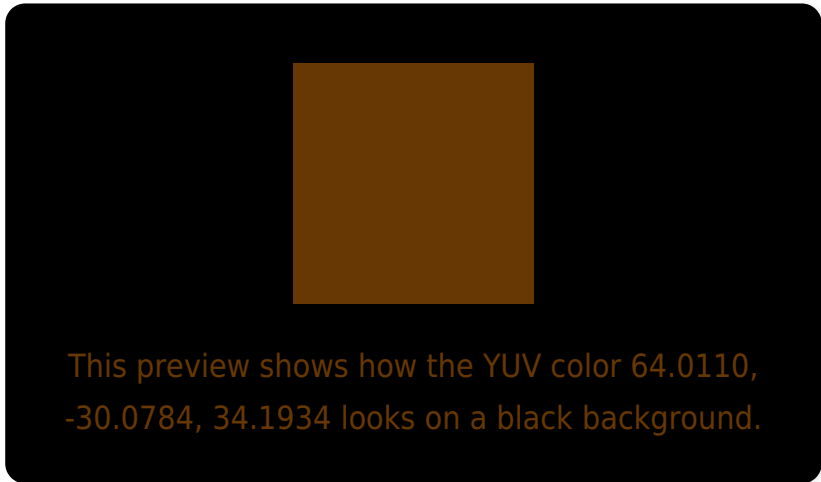
Large Text (above 18pt) WCAG AA ✓ Pass

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

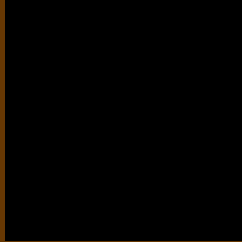
Any Text WCAG AA × Fail

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 64.0110, -30.0784, 34.1934 Background



This preview shows how black text looks on a background with the YUV color 64.0110, -30.0784, 34.1934.



This preview shows how white text looks on a background with the YUV color 64.0110, -30.0784,

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, -30.0784, 34.1934

Protanopia

64.5520, -27.3871, 10.9169

Deuteranopia

63.8690, -31.4874, 19.4089



Tritanopia

68.3030, -6.0654, 32.1833

Trichromacy



Original Color

64.0110, -30.0784, 34.1934

Protanomaly

64.0800, -28.1404, 19.2238

Deuteranomaly

64.0160, -31.0669, 24.5420

Tritanomaly

66.4250, -14.5065, 32.9533

Monochromacy



Original Color

64.0110, -30.0784, 34.1934

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9170, -10.8051, 12.3508

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0110, -30.0784, 34.1934 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(103, 56, 3)` looks like.

```
.text, #text, p{  
    color:rgb(103, 56, 3)  
}
```

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(103, 56, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 56, 3) }
```

Border

The CSS property to change the border of an element to YUV 64.0110, -30.0784, 34.1934 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(103, 56, 3) }
```


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

```
.border{ border-color:rgb(103, 56, 3) }
```

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

Here you see how a box with a 4 pixel rgb(103, 56, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 56, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 56, 3);  
box-shadow:4px 4px 4px 4px rgb(103, 56, 3)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.0110, -30.0784, 34.1934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 56, 3) }
```

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

```
.background{ background-color: rgb(103, 56,  
3) }
```

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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