

Converting Colors

YUV(84.5940, -34.3098,
38.0671)

Have a look what the booklet for
YUV(84.5940, -34.3098, 38.0671)
contains.

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Color

**YUV(84.5940, -34.3098,
38.0671)**

Conversions

Conversions Part 1

Format	Color
Hex	804C0F
RGB	128, 76, 15
RGB Percent	50%, 30%, 6%
CMY	0.4980, 0.7020, 0.9412
CMYK	0.00, 0.41, 0.88, 0.50
HSL	32°, 79%, 28%
HSV	32°, 88%, 50%
XYZ	11.5728, 9.7926, 1.7321
YIQ	84.5940, 50.5730, -7.9470

Conversions

Conversions Part 2

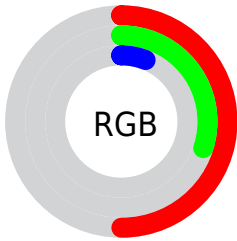
Format	Color
R_{YB}	111, 128, 15
Decimal	8408079
CIE _{Lab}	37.47, 17.36, 41.89
CIE _{LCh}	37, 45.339, 67.492
Yxy	9.7926, 0.5010, 0.4240
Android (android.graphics.Color)	4286598159 (0xFF804C0F)
YUV	84.5940, -34.3098, 38.0671
Hunter-Lab	31.2931, 11.2497, 18.6233

Details

The YUV color **84.5940, -34.3098, 38.0671** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **58.4060, 34.3098, -38.0671**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.9860, -35.4891, 42.9853**, and **40.0240, -19.7318, 28.9200** is the 20% darker color. If you saturate the color by 10%, you get **79.5900, -38.2519, 42.4556**, and if you desaturate by 10%, it is **89.5980, -30.3678, 33.6786**.

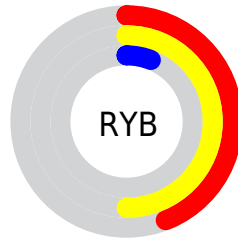
Distribution



Red (50%)

Green (30%)

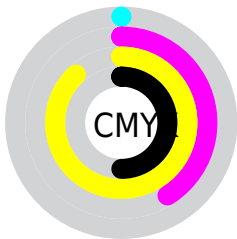
Blue (6%)



Red (44%)

Yellow (50%)

Blue (6%)

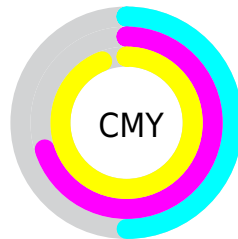


Cyan (0%)

Magenta (41%)

Yellow (88%)

Black (50%)



Cyan (50%)

Magenta (70%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5940, -34.3098, 38.0671 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 84.5940, -34.3098, 38.0671 by changing the saturation by 10% instead.

■ 84.5940, -34.3098,
38.0671

■ 84.5940, -34.3098,
38.0671

■ 254.6580, -1.3104,
0.2999

■ 61.0110, -30.0784,
34.1934

■ 135.9860,
-35.4891, 42.9853

■ 40.0240, -19.7318,
28.9200

■ 163.0680,
-36.5155, 45.5444

■ 20.5100, -10.1114,
23.2317

■ 190.7370,
-37.8313, 47.5887

■ 4.7840, -2.3585,
9.8364

■ 212.5400,
-35.7622, 37.2374

■ 0.0000, 0.0000,
0.0000

■ 232.6410,
-32.3610, 19.6088

■ 248.1600,

-26.2079, 5.9987

■ 251.3520,
-13.9775, 3.1993

■ 84.5940, -34.3098,
38.0671

■ 84.5940, -34.3098,
38.0671

■ 79.5900, -38.2519,
42.4556

■ 89.5980, -30.3678,
33.6786

■ 78.7750, -38.8361,
43.1703

■ 94.6020, -26.4258,
29.2900

■ 99.4920, -22.9206,
25.0015

■ 104.4960,
-18.9785, 20.6130

■ 108.9130,
-14.7471, 16.7393

■ 113.9170,
-10.8051, 12.3508

■ 118.9210, -6.8631,
7.9623

■ 123.8110, -3.3578,
3.6738

■ 128.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



84.7160, -19.0870, 55.5001



84.5940, -34.3098, 38.0671



81.5450, -40.2017, 14.4310

Triad

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



84.5940, -34.3098, 38.0671



72.6930, 11.9834, -63.7518



90.3950, 27.9063, 9.3006

Complementary

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



84.5940, -34.3098, 38.0671



58.4060, 34.3098, -38.0671

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.



70.5970, 44.5687, -61.9136



84.5940, -34.3098, 38.0671



76.0960, 27.5607, -66.7362

Square

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



84.5940, -34.3098, 38.0671



67.1870, -4.0362, -58.9230



75.8970, 39.4908, -66.5617



88.9450, 13.8311, 43.8982

Rectangle

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



84.5940, -34.3098, 38.0671



79.6610, -32.8639, -5.8417



75.8970, 39.4908, -66.5617



88.9200, 31.5914, -6.0688

Sweetspot

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



84.5940, -34.3098, 38.0671



149.3580, -12.9945, 14.5950



54.8290, 6.4933, 64.1710



73.9920, -7.8841, 8.7770



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



84.5940, -34.3098, 38.0671



101.8770, -50.2254, 56.2359



113.9220, -48.7685, 8.8384



61.4410, -2.1894, 2.2442



78.7750, -38.8361, 43.1703



0.0000, 0.0000, 0.0000

Inverse Universe

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



58.4060, 34.3098, -38.0671



63.5360, 50.5148, -55.7211



29.0780, 48.7685, -8.8384



59.5590, 2.1894, -2.2442



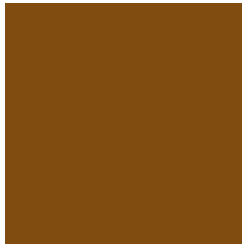
49.2250, 38.8361, -43.1703



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 84.5940, -34.3098, 38.0671 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 84.5940, -34.3098, 38.0671 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 84.5940, -34.3098, 38.0671

Background



This preview shows how black text looks on a background with the YUV color 84.5940, -34.3098, 38.0671.



This preview shows how white text looks on a background with the YUV color 84.5940, -34.3098,

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

84.5940, -34.3098, 38.0671

Protanopia

84.1950, -32.6341, 13.8610

Deuteranopia

83.5940, -37.7608, 24.9121



Tritanopia

89.5100, -6.6604, 36.3867

Trichromacy



Original Color

84.5940, -34.3098, 38.0671

Protanomaly

84.1360, -33.0980, 22.6827

Deuteranomaly

83.9690, -36.4667, 29.8452

Tritanomaly

87.8770, -16.7014, 36.9419

Monochromacy



Original Color

84.5940, -34.3098, 38.0671

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1730, -12.4103, 13.8803

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5940, -34.3098, 38.0671 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(128, 76, 15)` looks like.

```
.text, #text, p{  
    color:rgb(128, 76, 15)  
}
```

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(128, 76, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 76, 15) }
```

Border

The CSS property to change the border of an element to YUV 84.5940, -34.3098, 38.0671 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(128, 76, 15) }
```


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

```
.border{ border-color:rgb(128, 76, 15) }
```

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

Here you see how a box with a 4 pixel rgb(128, 76, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 76, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 76, 15);  
box-shadow:4px 4px 4px 4px rgb(128, 76,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 84.5940, -34.3098, 38.0671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 76, 15) }
```

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

```
.background{ background-color: rgb(128, 76,  
15) }
```

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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