

Converting Colors

YUV(74.9850, -34.0096,
35.0932)

Have a look what the booklet for
YUV(74.9850, -34.0096, 35.0932)
contains.

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Color

**YUV(74.9850, -34.0096,
35.0932)**

Conversions

Conversions Part 1

Format	Color
Hex	734406
RGB	115, 68, 6
RGB Percent	45%, 27%, 2%
CMY	0.5490, 0.7333, 0.9765
CMYK	0.00, 0.41, 0.95, 0.55
HSL	34°, 90%, 24%
HSV	34°, 95%, 45%
XYZ	9.1702, 7.7922, 1.1930
YIQ	74.9850, 47.9140, -9.3180

Conversions

Conversions Part 2

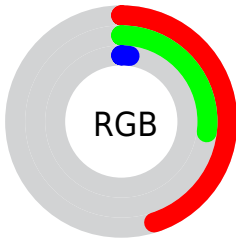
Format	Color
R_{YB}	89, 115, 6
Decimal	7554054
CIE Lab	33.55, 15.76, 41.00
CIE LCh	34, 43.929, 68.972
Yxy	7.7922, 0.5051, 0.4292
Android (android.graphics.Color)	4285744134 (0xFF734406)
YUV	74.9850, -34.0096, 35.0932
Hunter-Lab	27.9146, 9.7886, 17.0062

Details

The YUV color **74.9850, -34.0096, 35.0932** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **46.0150, 34.0096, -35.0932**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.6050, -34.3153, 39.8114**, and **32.3270, -15.9372, 25.1462** is the 20% darker color. If you saturate the color by 10%, you get **72.5400, -35.7622, 37.2374**, and if you desaturate by 10%, it is **79.1740, -30.6518, 31.4194**.

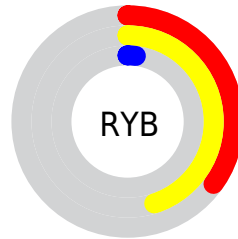
Distribution



Red (45%)

Green (27%)

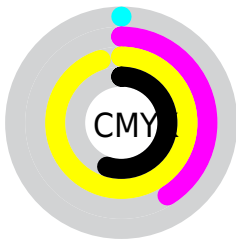
Blue (2%)



Red (35%)

Yellow (45%)

Blue (2%)

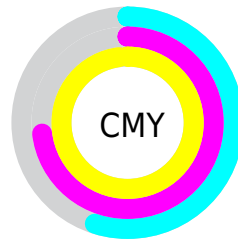


Cyan (0%)

Magenta (41%)

Yellow (95%)

Black (55%)



Cyan (55%)


Magenta (73%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 74.9850, -34.0096, 35.0932 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 74.9850, -34.0096, 35.0932 by changing the saturation by 10% instead.


 74.9850, -34.0096,
35.0932


 74.9850, -34.0096,
35.0932


 253.5180, -5.6784,
1.2997

 52.7270, -25.9944,
30.9344

 125.6050,
-34.3153, 39.8114

 32.3270, -15.9372,
25.1462


 152.3880,
-35.1943, 41.7557

 11.0630, -5.4541,
22.7467

 179.4700,
-36.2207, 44.3148

 0.0000, 0.0000,
0.0000

 206.3450,
-36.6521, 42.6704

 225.7450,
-33.3983, 25.6566

 245.2590,

-29.7077, 8.5429

■ 250.2120,
-18.3455, 4.1991

■ 74.9850, -34.0096,
35.0932

■ 74.9850, -34.0096,
35.0932

■ 72.5400, -35.7622,
37.2374

■ 79.1740, -30.6518,
31.4194

■ 83.4770, -26.8572,
27.6457

■ 87.6660, -23.4993,
23.9719

■ 91.9690, -19.7047,
20.1982

■ 96.1580, -16.3469,
16.5244

■ 100.4610,
-12.5523, 12.7507

■ 104.6500, -9.1945,
9.0769

■ 108.9530, -5.3998,
5.3032

■ 113.1420, -2.0420,
1.6295

Harmonies

Analogous

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



75.6940, -19.0761, 52.0114



74.9850, -34.0096, 35.0932



73.2610, -36.1177, 11.1721

Triad

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



74.9850, -34.0096, 35.0932



65.9110, 11.3829, -57.8039



81.1240, 25.5749, 10.4153

Complementary

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



74.9850, -34.0096, 35.0932



46.0150, 34.0096, -35.0932

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.



63.8320, 41.4948, -55.9807



74.9850, -34.0096, 35.0932



69.0860, 26.0866, -60.5884

Square

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



74.9850, -34.0096, 35.0932



60.5190, -4.1999, -53.0752



68.6590, 37.1431, -60.2139



79.0050, 12.8155, 42.9686

Rectangle

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



74.9850, -34.0096, 35.0932



70.4050, -31.2587, -7.3712



68.6590, 37.1431, -60.2139



79.4750, 29.8388, -3.9246

Sweetspot

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



74.9850, -34.0096, 35.0932



134.6460, -13.1365, 13.4655



43.9490, 4.4621, 62.3117



66.8780, -8.3209, 8.8770



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



74.9850, -34.0096, 35.0932



95.3320, -46.9987, 47.9438



100.4810, -46.5791, 6.5942



56.5550, -1.7526, 2.1443



77.5680, -38.2410, 38.9669



158.1040, -77.9453, 80.5928

Inverse Universe

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



46.0150, 34.0096, -35.0932



55.2550, 46.7093, -48.4586



20.5190, 46.5791, -6.5942



54.8580, 2.0420, -1.6295



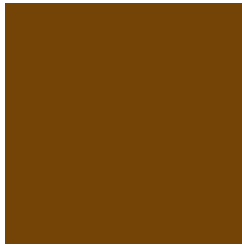
45.0190, 37.9516, -39.4817



91.8960, 77.9453, -80.5928

Previews

White Background



This preview shows how the YUV color 74.9850, -34.0096, 35.0932 looks on a white background.

Color Contrast Check

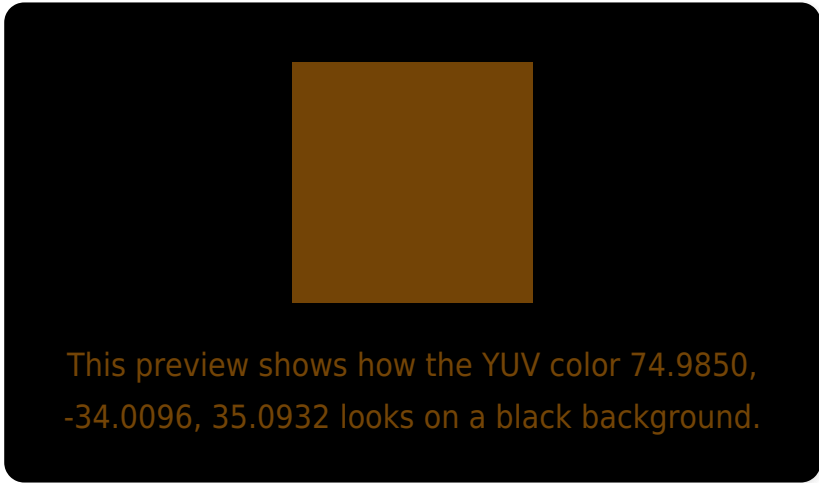
Large Text (above 18pt) WCAG AA ✓ Pass

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

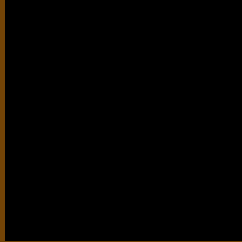
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.9850, -34.0096, 35.0932

Background



This preview shows how black text looks on a background with the YUV color 74.9850, -34.0096, 35.0932.



This preview shows how white text looks on a background with the YUV color 74.9850, -34.0096,

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

74.9850, -34.0096, 35.0932

Protanopia

75.1240, -31.6131, 13.0463

Deuteranopia

74.2240, -36.5924, 23.4826



Tritanopia

79.7160, -5.7760, 32.6981

Trichromacy



Original Color

74.9850, -34.0096, 35.0932

Protanomaly

75.2390, -32.6558, 20.8384

Deuteranomaly

74.1860, -35.5877, 27.9009

Tritanomaly

77.9690, -16.2537, 33.3532

Monochromacy



Original Color

74.9850, -34.0096, 35.0932

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8740, -12.2629, 13.2655

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.9850, -34.0096, 35.0932 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(115, 68, 6)` looks like.

```
.text, #text, p{  
    color:rgb(115, 68, 6)  
}
```

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(115, 68, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 68, 6) }
```

Border

The CSS property to change the border of an element to YUV 74.9850, -34.0096, 35.0932 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(115, 68, 6) }
```


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

```
.border{ border-color:rgb(115, 68, 6) }
```

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

Here you see how a box with a 4 pixel rgb(115, 68, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 68, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 68, 6);  
box-shadow:4px 4px 4px 4px rgb(115, 68, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.9850, -34.0096, 35.0932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 68, 6) }
```

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

```
.background{ background-color: rgb(115, 68,  
6) }
```

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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