

Converting Colors

YUV(76.5040, -34.2655,
70.5950)

Have a look what the booklet for
YUV(76.5040, -34.2655, 70.5950)
contains.

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Color

**YUV(76.5040, -34.2655,
70.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	9D3107
RGB	157, 49, 7
RGB Percent	62%, 19%, 3%
CMY	0.3843, 0.8078, 0.9725
CMYK	0.00, 0.69, 0.96, 0.38
HSL	17°, 91%, 32%
HSV	17°, 96%, 62%
XYZ	15.0413, 9.3801, 1.2188
YIQ	76.5040, 77.8500, 9.8340

Conversions

Conversions Part 2

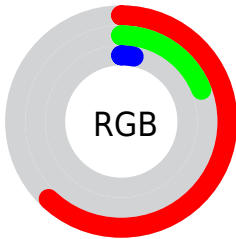
Format	Color
R_{YB}	157, 65, 7
Decimal	10301703
CIE Lab	36.71, 43.27, 46.13
CIE LCh	37, 63.249, 46.836
Yxy	9.3801, 0.5866, 0.3658
Android (android.graphics.Color)	4288491783 (0xFF9D3107)
YUV	76.5040, -34.2655, 70.5950
Hunter-Lab	30.6269, 34.0668, 19.0794

Details

The YUV color **76.5040, -34.2655, 70.5950** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **87.4960, 34.2655, -70.5950**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2660, -36.6131, 76.9427**, and **29.0030, -14.2985, 59.6334** is the 20% darker color. If you saturate the color by 10%, you get **72.7710, -35.8761, 73.8688**, and if you desaturate by 10%, it is **84.7850, -30.4600, 63.3326**.

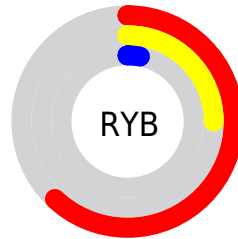
Distribution



Red (62%)

Green (19%)

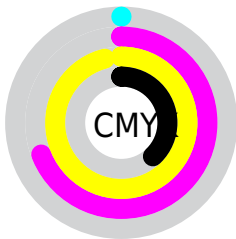
Blue (3%)



Red (62%)

Yellow (25%)

Blue (3%)

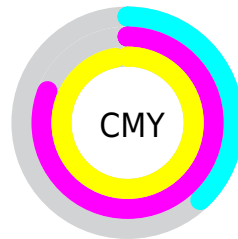


Cyan (0%)

Magenta (69%)

Yellow (96%)

Black (38%)



Cyan (38%)


Magenta (81%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YUV color 76.5040, -34.2655, 70.5950 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 76.5040, -34.2655, 70.5950 by changing the saturation by 10% instead.


 76.5040, -34.2655,
70.5950


 76.5040, -34.2655,
70.5950


 253.5180, -5.6784,
1.2997

 49.7130, -24.5085,
67.7807


 131.2660,
-36.6131, 76.9427


 29.0030, -14.2985,
59.6334

 159.1200,
-38.5132, 79.7018


 20.3320, -10.0237,
41.8048

 179.3140,
-36.1438, 66.3766

 12.6720, -5.7543,
25.7207

 198.1270,
-32.6006, 49.8776


 0.0000, 0.0000,
0.0000


 217.5270,
-29.3468, 32.8638


 237.7420,


-25.5088, 15.1353


 250.3260,
-17.9087, 4.0991

 76.5040, -34.2655,
70.5950


 76.5040, -34.2655,
70.5950


 72.7710, -35.8761,
73.8688

 84.7850, -30.4600,
63.3326

 93.5390, -27.3807,
55.6553

 101.8200,
-23.5753, 48.3929

 110.1010,
-19.7698, 41.1304

 118.9690,
-16.2537, 33.3532

■ 127.1360,
-12.8850, 26.1907

■ 135.4170, -9.0796,
18.9283

■ 143.6980, -5.2741,
11.6659

■ 152.4520, -2.1948,
3.9886

Harmonies

Analogous

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



63.8500, -1.8980, 95.7246



76.5040, -34.2655, 70.5950



81.6880, -40.2722, 37.1076

Triad

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



76.5040, -34.2655, 70.5950



69.1760, -4.0308, -60.6674



69.8110, 56.7882, -61.2242

Complementary

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



76.5040, -34.2655, 70.5950



87.4960, 34.2655, -70.5950

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.



79.4310, 53.0315, -69.6610



76.5040, -34.2655, 70.5950



76.5060, 18.9775, -67.0958

Square

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



76.5040, -34.2655, 70.5950



59.8740, -29.5179, -52.5095



80.4620, 39.2122, -70.5652



87.2480, 34.3877, 30.4775

Rectangle

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



76.5040, -34.2655, 70.5950



80.3600, -39.6175, 13.7163



80.4620, 39.2122, -70.5652



74.3760, 56.5096, -65.2278

Sweetspot

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



76.5040, -34.2655, 70.5950



172.0330, -13.3273, 28.0351



64.3900, 25.9367, 81.2190



82.6340, -8.2006, 16.9840



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



76.5040, -34.2655, 70.5950



94.4550, -46.5663, 96.0710



119.3550, -55.3910, 33.0147



74.5660, -1.7580, 3.8886



66.2370, -32.6548, 67.3212



6.8330, -3.3687, 7.1625

Inverse Universe

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



87.4960, 34.2655, -70.5950



109.5450, 46.5663, -96.0710



44.6450, 55.3910, -33.0147



75.4340, 1.7580, -3.8886



76.7630, 32.6548, -67.3212



8.1670, 3.3687, -7.1625

Previews

White Background



This preview shows how the YUV color 76.5040, -34.2655, 70.5950 looks on a white background.

Color Contrast Check

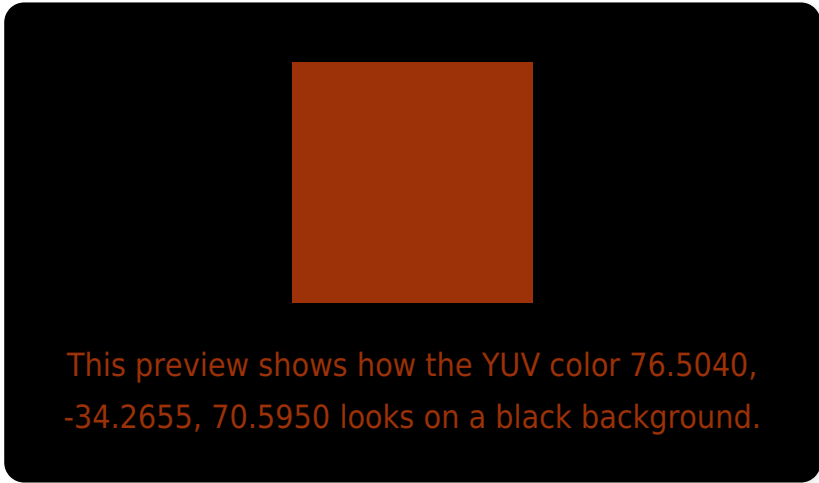
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.5040, -34.2655, 70.5950

Background



This preview shows how black text looks on a background with the YUV color 76.5040, -34.2655, 70.5950.



This preview shows how white text looks on a background with the YUV color 76.5040, -34.2655,

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

76.5040, -34.2655, 70.5950

Protanopia

83.1240, -31.6131, 13.0463

Deuteranopia

81.6110, -40.2342, 24.8972



Tritanopia

79.7160, -15.6360, 68.6551

Trichromacy



Original Color

76.5040, -34.2655, 70.5950

Protanomaly

80.7290, -32.4044, 33.5637

Deuteranomaly

79.9920, -37.9571, 41.2260

Tritanomaly

78.5930, -22.4773, 69.6399

Monochromacy



Original Color

76.5040, -34.2655, 70.5950

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9510, -12.3008, 25.4760

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5040, -34.2655, 70.5950 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(157, 49, 7)` looks like.

```
.text, #text, p{  
    color:rgb(157, 49, 7)  
}
```

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(157, 49, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 49, 7) }
```

Border

The CSS property to change the border of an element to YUV 76.5040, -34.2655, 70.5950 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(157, 49, 7) }
```


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

```
.border{ border-color:rgb(157, 49, 7) }
```

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

Here you see how a box with a 4 pixel rgb(157, 49, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 49, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 49, 7);  
box-shadow:4px 4px 4px 4px rgb(157, 49, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.5040, -34.2655, 70.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 49, 7) }
```

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

```
.background{ background-color: rgb(157, 49,  
7) }
```

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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