

Converting Colors

YUV(72.7120, -33.8750,
-54.9984)

Have a look what the booklet for
YUV(72.7120, -33.8750, -54.9984)
contains.

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Color

**YUV(72.7120, -33.8750,
-54.9984)**

Conversions

Conversions Part 1

Format	Color
Hex	0A7604
RGB	10, 118, 4
RGB Percent	4%, 46%, 2%
CMY	0.9608, 0.5373, 0.9843
CMYK	0.92, 0.00, 0.97, 0.54
HSL	117°, 93%, 24%
HSV	117°, 97%, 46%
XYZ	6.6255, 13.0302, 2.2807
YIQ	72.7120, -27.7740, -58.3500

Conversions

Conversions Part 2

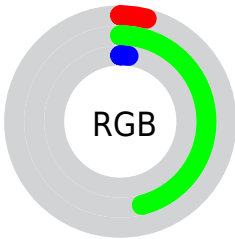
Format	Color
R_{YB}	4, 118, 112
Decimal	685572
CIE Lab	42.81, -47.71, 46.26
CIE LCh	43, 66.455, 135.882
Yxy	13.0302, 0.3020, 0.5940
Android (android.graphics.Color)	4278875652 (0xFF0A7604)
YUV	72.7120, -33.8750, -54.9984
Hunter-Lab	36.0973, -30.4073, 21.5220

Details

The YUV color **72.7120, -33.8750, -54.9984** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **49.2880, 33.8750, 54.9984**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7780, -33.9076, -44.5323**, and **39.9160, -19.6786, -35.0063** is the 20% darker color. If you saturate the color by 10%, you get **71.0600, -35.0326, -57.0576**, and if you desaturate by 10%, it is **77.3690, -30.2549, -49.4356**.

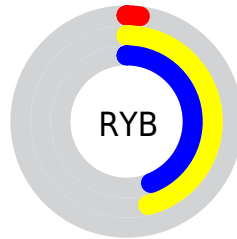
Distribution



Red (4%)

Green (46%)

Blue (2%)



Red (2%)

Yellow (46%)

Blue (44%)

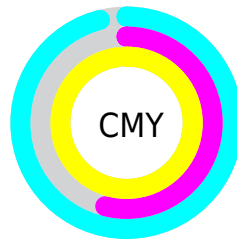


Cyan (92%)

Magenta (0%)

Yellow (97%)

Black (54%)



Cyan (96%)

Magenta (54%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7120, -33.8750, -54.9984 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 72.7120, -33.8750, -54.9984 by changing the saturation by 10% instead.

■ 72.7120, -33.8750,
-54.9984

■ 72.7120, -33.8750,
-54.9984

255.0000, 0.0000,
0.0000

■ 54.5910, -26.9134,
-47.8763

■ 131.7780,
-33.9076, -44.5323

■ 39.9160, -19.6786,
-35.0063

■ 159.8490,
-34.9286, -43.7176

■ 27.0020, -13.3120,
-23.6808

■ 187.6210,
-35.8022, -43.5176

■ 10.5660, -5.2090,
-9.2664


■ 215.5070,
-36.2390, -43.4176


■ 0.0000, 0.0000,
0.0000


■ 227.2560,
-28.7202, -28.2885


■ 239.1190,


-20.7647, -13.2594


 251.2810,
-12.9565, 2.3846


 72.7120, -33.8750,
-54.9984

 72.7120, -33.8750,
-54.9984


 71.0600, -35.0326,
-57.0576

 77.3690, -30.2549,
-49.4356

 82.0260, -26.6348,
-43.8728

 86.8680, -23.5989,
-37.5952

 91.5250, -19.9788,
-32.0324

 96.1820, -16.3587,
-26.4696

■ 100.8390,
-12.7386, -20.9068

■ 105.4960, -9.1185,
-15.3440

■ 110.0390, -5.9352,
-9.6812

■ 114.9950, -2.4625,
-3.5036

Harmonies

Analogous

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



92.1000, -45.4053, 3.4203



72.7120, -33.8750, -54.9984



80.4090, -4.1456, -70.5187

Triad

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



72.7120, -33.8750, -54.9984



91.3310, 58.0108, -80.0973



83.8780, -4.3769, 97.4540

Complementary

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



72.7120, -33.8750, -54.9984



49.2880, 33.8750, 54.9984

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.



90.2670, 19.0954, 82.2038



72.7120, -33.8750, -54.9984



81.2380, 62.4937, -71.2457

Square

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



72.7120, -33.8750, -54.9984



92.7210, 43.0285, -81.3163



102.7580, 37.5873, 30.9072



91.6080, -35.3027, 76.6428

Rectangle

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



72.7120, -33.8750, -54.9984



85.4420, 12.6001, -74.9326



102.7580, 37.5873, 30.9072



82.4080, 5.2219, 98.7432

Sweetspot

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



72.7120, -33.8750, -54.9984



135.4260, -13.0280, -21.4216



100.3080, -47.4798, 15.5159



66.1480, -7.9610, -13.2848



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.



72.7120, -33.8750, -54.9984



92.2030, -45.4561, -73.8460



76.5040, -11.5875, -63.5860



56.5220, -1.7363, -3.0888



73.4080, -36.1901, -59.1168



150.6370, -74.2640, -120.7076

Inverse Universe

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



49.2880, 33.8750, 54.9984



60.7970, 45.4561, 73.8460



45.4960, 11.5875, 63.5860



55.1790, 1.8838, 2.4740



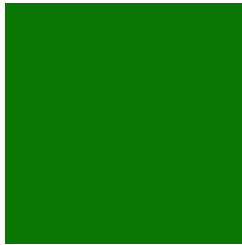
48.5920, 36.1901, 59.1168



99.3630, 74.2640, 120.7076

Previews

White Background



This preview shows how the YUV color 72.7120, -33.8750, -54.9984 looks on a white background.

Color Contrast Check

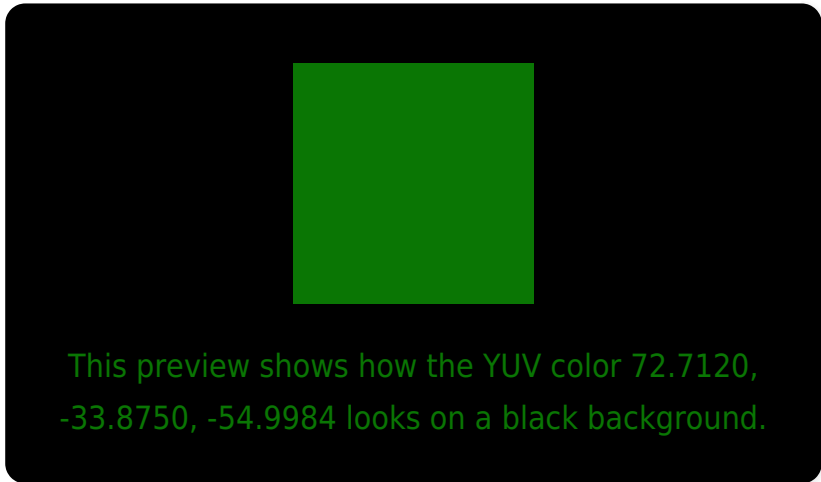
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

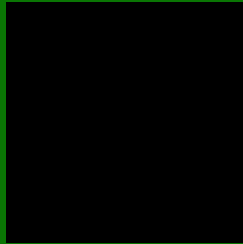
Any Text WCAG AA × Fail

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 72.7120, -33.8750, -54.9984 Background



This preview shows how black text looks on a background with the YUV color 72.7120, -33.8750, -54.9984.



This preview shows how white text looks on a background with the YUV color 72.7120, -33.8750,

-54.9984.

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

72.7120, -33.8750, -54.9984

Protanopia

93.3730, -46.0329, 18.0899

Deuteranopia

97.2890, -35.1455, 26.0565



Tritanopia

93.0860, 12.7756, -37.7864

Trichromacy



Original Color

72.7120, -33.8750, -54.9984

Protanomaly

85.6470, -41.7310, -8.4604

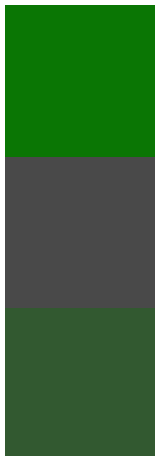
Deuteranomaly

88.2160, -34.6165, -3.6974

Tritanomaly

85.5740, -4.2270, -44.3534

Monochromacy



Original Color

72.7120, -33.8750, -54.9984

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.6650, -12.1598, -19.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7120, -33.8750, -54.9984 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(10, 118, 4)` looks like.

```
.text, #text, p{  
    color:rgb(10, 118, 4)  
}
```

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(10, 118, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 118, 4) }
```

Border

The CSS property to change the border of an element to YUV 72.7120, -33.8750, -54.9984 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(10, 118, 4) }
```


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

```
.border{ border-color:rgb(10, 118, 4) }
```

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

Here you see how a box with a 4 pixel rgb(10, 118, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 118, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 118, 4);  
box-shadow:4px 4px 4px 4px rgb(10, 118, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.7120, -33.8750, -54.9984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 118, 4) }
```

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

```
.background{ background-color: rgb(10, 118,  
4) }
```

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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