

Converting Colors

YUV(72.5660, -35.7750,
-52.2394)

Have a look what the booklet for
YUV(72.5660, -35.7750, -52.2394)
contains.

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Color

**YUV(72.5660, -35.7750,
-52.2394)**

Conversions

Conversions Part 1

Format	Color
Hex	0D7500
RGB	13, 117, 0
RGB Percent	5%, 46%, 0%
CMY	0.9490, 0.5412, 1.0000
CMYK	0.89, 0.00, 1.00, 0.54
HSL	113°, 100%, 23%
HSV	113°, 100%, 46%
XYZ	6.5273, 12.8081, 2.1282
YIQ	72.5660, -24.4270, -58.4350

Conversions

Conversions Part 2

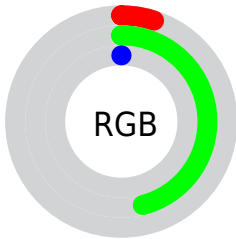
Format	Color
RYB	0, 117, 104
Decimal	881920
CIELab	42.47, -47.28, 46.94
CIELCh	42, 66.627, 135.208
Yxy	12.8081, 0.3041, 0.5967
Android (android.graphics.Color)	4279072000 (0xFF0D7500)
YUV	72.5660, -35.7750, -52.2394
Hunter-Lab	35.7885, -30.0742, 21.5262

Details

The YUV color **72.5660, -35.7750, -52.2394** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **44.4340, 35.7750, 52.2394**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2620, -34.6392, -43.2028**, and **39.3290, -19.3892, -34.4915** is the 20% darker color. If you saturate the color by 10%, you get **72.5660, -35.7750, -52.2394**, and if you desaturate by 10%, it is **76.9240, -32.0075, -47.2913**.

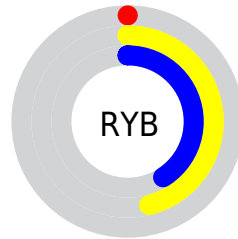
Distribution



Red (5%)

Green (46%)

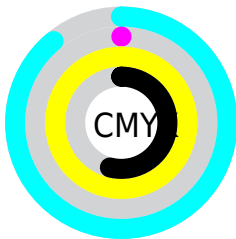
Blue (0%)



Red (0%)

Yellow (46%)

Blue (41%)

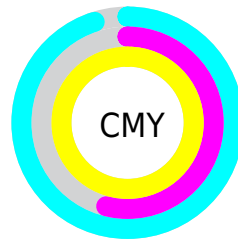


Cyan (89%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (95%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.5660, -35.7750, -52.2394 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 72.5660, -35.7750, -52.2394 by changing the saturation by 10% instead.

■ 72.5660, -35.7750,
-52.2394

■ 72.5660, -35.7750,
-52.2394

■ 254.6580, -1.3104,
0.2999

■ 54.0040, -26.6240,
-47.3615

■ 131.2620,
-34.6392, -43.2028

■ 39.3290, -19.3892,
-34.4915

■ 159.0340,
-35.5128, -43.0028

■ 26.4150, -13.0226,
-23.1660

■ 186.8060,
-36.3864, -42.8029

■ 9.3920, -4.6303,
-8.2368


■ 215.4640,
-37.6968, -42.5029


■ 0.0000, 0.0000,
0.0000


■ 227.3270,
-29.7412, -27.4738


■ 239.1900,


-21.7857, -12.4446


 251.3520,
-13.9775, 3.1993


 72.5660, -35.7750,
-52.2394

 76.9240, -32.0075,
-47.2913

 81.4670, -28.8242,
-41.6286

 85.8250, -25.0567,
-36.6805

 90.4820, -21.4366,
-31.1177

 94.8400, -17.6691,
-26.1697

■ 99.0840, -14.3384,
-21.1217

■ 103.7410,
-10.7183, -15.5589

■ 108.0990, -6.9508,
-10.6108

■ 112.6420, -3.7675,
-4.9480

Harmonies

Analogous

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



90.9260, -44.8265, 4.4499



72.5660, -35.7750, -52.2394



79.5940, -4.7298, -69.8039

Triad

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



72.5660, -35.7750, -52.2394



91.2170, 57.5740, -79.9973



82.1170, -3.5087, 98.9984

Complementary

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



72.5660, -35.7750, -52.2394



44.4340, 35.7750, 52.2394

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.



89.4950, 19.9690, 82.0039



72.5660, -35.7750, -52.2394



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.



72.5660, -35.7750, -52.2394



91.9060, 42.4443, -80.6016



102.1600, 37.8821, 29.6777



90.5480, -34.2872, 77.5724

Rectangle

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



72.5660, -35.7750, -52.2394



85.2140, 11.7265, -74.7327



102.1600, 37.8821, 29.6777



80.9350, 5.9480, 99.1580

Sweetspot

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



72.5660, -35.7750, -52.2394



135.4970, -14.0490, -20.6069



95.4440, -47.0539, 18.9046



66.3330, -8.5452, -12.5700



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.



72.5660, -35.7750, -52.2394



94.8940, -46.7827, -68.3130



73.8090, -14.2028, -64.7305



56.5220, -1.7363, -3.0888



75.8000, -37.3694, -54.1986



155.1220, -76.4751, -111.4860

Inverse Universe

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



44.4340, 35.7750, 52.2394



58.1060, 46.7827, 68.3130



43.1910, 14.2028, 64.7305



55.1790, 1.8838, 2.4740



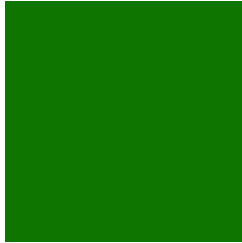
46.4990, 37.2220, 54.8134



94.8780, 76.4751, 111.4860

Previews

White Background



This preview shows how the YUV color 72.5660, -35.7750, -52.2394 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



This preview shows how the YUV color 72.5660, -35.7750, -52.2394 looks on a 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 72.5660, -35.7750, -52.2394 Background



This preview shows how black text looks on a background with the YUV color 72.5660, -35.7750, -52.2394.



This preview shows how white text looks on a background with the YUV color 72.5660, -35.7750,

-52.2394.

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

72.5660, -35.7750, -52.2394

Protanopia

92.4870, -45.5961, 17.9899

Deuteranopia

96.2890, -35.1455, 26.0565



Tritanopia

92.3850, 12.6282, -37.1716

Trichromacy



Original Color

72.5660, -35.7750, -52.2394

Protanomaly

85.2450, -42.0258, -7.2309

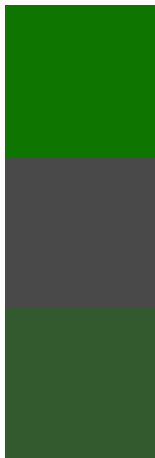
Deuteranomaly

87.7000, -35.3481, -2.3679

Tritanomaly

85.3570, -5.1060, -42.4091

Monochromacy



Original Color

72.5660, -35.7750, -52.2394

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.7360, -13.1808, -19.0625

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.5660, -35.7750, -52.2394 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(13, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(13, 117, 0)  
}
```

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(13, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 117, 0) }
```

Border

The CSS property to change the border of an element to YUV 72.5660, -35.7750, -52.2394 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(13, 117, 0) }
```


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

```
.border{ border-color:rgb(13, 117, 0) }
```

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

Here you see how a box with a 4 pixel rgb(13, 117, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(13, 117, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.5660, -35.7750, -52.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 117, 0) }
```

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

```
.background{ background-color: rgb(13, 117,  
0) }
```

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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