

Converting Colors

YUV(75.2020, -37.0746,
-55.4282)

Have a look what the booklet for
YUV(75.2020, -37.0746, -55.4282)
contains.

YUV(75.2020, -37.0746, -55.4282)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(75.2020, -37.0746,
-55.4282)**

Conversions

Conversions Part 1

Format	Color
Hex	0C7A00
RGB	12, 122, 0
RGB Percent	5%, 48%, 0%
CMY	0.9529, 0.5216, 1.0000
CMYK	0.90, 0.00, 1.00, 0.52
HSL	114°, 100%, 24%
HSV	114°, 100%, 48%
XYZ	7.1112, 13.9972, 2.3269
YIQ	75.2020, -26.3980, -61.2620

Conversions

Conversions Part 2

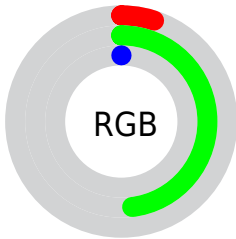
Format	Color
RYB	0, 122, 110
Decimal	817664
CIELab	44.23, -48.92, 48.34
CIELCh	44, 68.776, 135.341
Yxy	13.9972, 0.3034, 0.5973
Android (android.graphics.Color)	4279007744 (0xFF0C7A00)
YUV	75.2020, -37.0746, -55.4282
Hunter-Lab	37.4129, -31.5446, 22.5014

Details

The YUV color **75.2020, -37.0746, -55.4282** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **46.7980, 37.0746, 55.4282**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1970, -36.0861, -45.7768**, and **42.2640, -20.8362, -37.0655** is the 20% darker color. If you saturate the color by 10%, you get **75.2020, -37.0746, -55.4282**, and if you desaturate by 10%, it is **79.8590, -33.4545, -49.8653**.

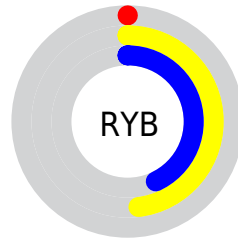
Distribution



Red (5%)

Green (48%)

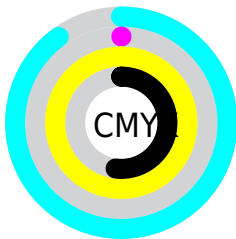
Blue (0%)



Red (0%)

Yellow (48%)

Blue (43%)

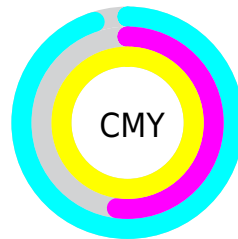


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (95%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.2020, -37.0746, -55.4282 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 75.2020, -37.0746, -55.4282 by changing the saturation by 10% instead.

■ 75.2020, -37.0746,
-55.4282

■ 75.2020, -37.0746,
-55.4282

254.8860, -0.4368,
0.1000

■ 56.3520, -27.7815,
-49.4207

■ 135.1970,
-36.0861, -45.7768

■ 42.2640, -20.8362,
-37.0655

■ 162.6810,
-36.8177, -44.4472

■ 28.7630, -14.1802,
-25.2252

■ 191.0400,
-37.9807, -44.7621

■ 13.5010, -6.6560,
-11.8404


■ 216.2900,
-37.1180, -41.4733


■ 0.0000, 0.0000,
0.0000


■ 228.1530,
-29.1624, -26.4442


■ 240.0160,


-21.2069, -11.4150


 251.5800,
-13.1039, 2.9993


 75.2020, -37.0746,
-55.4282

 79.8590, -33.4545,
-49.8653

 84.5160, -29.8344,
-44.3025

 89.2870, -25.7775,
-38.8397

 93.9440, -22.1574,
-33.2769

 98.6010, -18.5373,
-27.7141

■ 103.2580,
-14.9172, -22.1513

■ 107.9150,
-11.2971, -16.5885

■ 112.6860, -7.2402,
-11.1256

■ 117.3430, -3.6201,
-5.5628

Harmonies

Analogous

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



95.0570, -46.8631, 4.3350



75.2020, -37.0746, -55.4282



82.8710, -4.8664, -72.6779

Triad

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



75.2020, -37.0746, -55.4282



94.4770, 59.9108, -82.8563



85.4380, -3.6669, 103.1019

Complementary

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



75.2020, -37.0746, -55.4282



46.7980, 37.0746, 55.4282

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.



93.0440, 20.6843, 85.9074



75.2020, -37.0746, -55.4282



84.4980, 64.8305, -74.1047

Square

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



75.2020, -37.0746, -55.4282



95.7530, 44.4918, -83.9754



106.5130, 39.1871, 31.1221



94.4020, -36.1872, 80.3314

Rectangle

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



75.2020, -37.0746, -55.4282



88.7190, 12.4635, -77.8066



106.5130, 39.1871, 31.1221



83.7830, 6.5160, 103.6763

Sweetspot

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



75.2020, -37.0746, -55.4282



139.7850, -14.1910, -21.7364



101.0480, -49.8167, 18.3749



68.0340, -8.3978, -13.1848



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



75.2020, -37.0746, -55.4282



97.5300, -48.0823, -71.5018



77.2000, -13.9026, -67.7044



58.8210, -1.8838, -2.4740



76.9630, -37.9428, -56.9726



155.3990, -76.6117, -114.3599

Inverse Universe

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



46.7980, 37.0746, 55.4282



60.7690, 47.9349, 72.1166



44.8000, 13.9026, 67.7044



57.4780, 1.7363, 3.0888



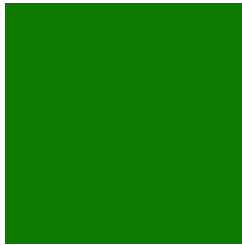
48.0370, 37.9428, 56.9726



96.9000, 76.4643, 114.9747

Previews

White Background



This preview shows how the YUV color 75.2020, -37.0746, -55.4282 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 75.2020, -37.0746, -55.4282 Background



This preview shows how black text looks on a background with the YUV color 75.2020, -37.0746, -55.4282.

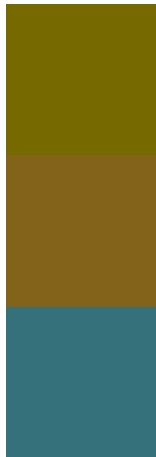


This preview shows how white text looks on a background with the YUV color 75.2020, -37.0746, -55.4282.

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



Protanopia

96.9170, -47.7801, 18.4898

Deuteranopia

100.2460, -36.6033, 26.9713

Tritanopia

95.9010, 13.3598, -38.5012

Trichromacy



Protanomaly

88.7780, -43.7676, -8.5753

Deuteranomaly

91.0590, -36.5111, -2.6827

Tritanomaly

88.0470, -4.9532, -44.7682

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0240, -13.3228, -20.1920

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.2020, -37.0746, -55.4282 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(12, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(12, 122, 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(12, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 122, 0) }
```

Border

The CSS property to change the border of an element to YUV 75.2020, -37.0746, -55.4282 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(12, 122, 0) }
```

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

```
.border{ border-color:rgb(12, 122, 0) }
```

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

Here you see how a box with a 4 pixel rgb(12, 122, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(12, 122, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 75.2020, -37.0746, -55.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 122, 0) }
```

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

```
.background{ background-color: rgb(12, 122,  
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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