

Converting Colors

YUV(74.9470, 0.0261, -55.2045)

Have a look what the booklet for
YUV(74.9470, 0.0261, -55.2045)
contains.

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Color

**YUV(74.9470, 0.0261,
-55.2045)**

Conversions

Conversions Part 1

Format	Color
Hex	0C6B4B
RGB	12, 107, 75
RGB Percent	5%, 42%, 29%
CMY	0.9529, 0.5804, 0.7059
CMYK	0.89, 0.00, 0.30, 0.58
HSL	160°, 80%, 23%
HSV	160°, 89%, 42%
XYZ	6.6793, 11.1016, 8.4474
YIQ	74.9470, -46.3480, -30.0920

Conversions

Conversions Part 2

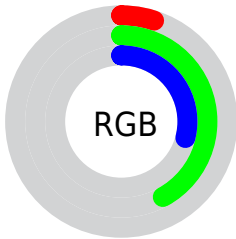
Format	Color
RYB	12, 69, 107
Decimal	813899
CIELab	39.75, -33.97, 10.82
CIElCh	40, 35.655, 162.331
Yxy	11.1016, 0.2547, 0.4233
Android (android.graphics.Color)	4279003979 (0xFF0C6B4B)
YUV	74.9470, 0.0261, -55.2045
Hunter-Lab	33.3190, -22.5251, 8.2915

Details

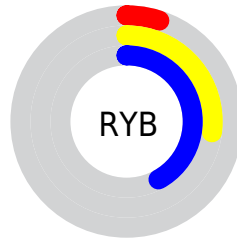
The YUV color **74.9470, 0.0261, -55.2045** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **44.0530, -0.0261, 55.2045**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.1930, -3.0531, -47.5273**, and **37.5800, -3.2439, -32.9577** is the 20% darker color. If you saturate the color by 10%, you get **71.2020, -0.0996, -61.5672**, and if you desaturate by 10%, it is **78.6920, 0.1518, -48.8419**.

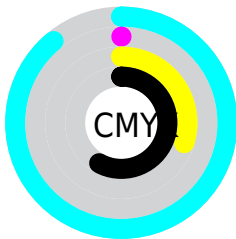
Distribution



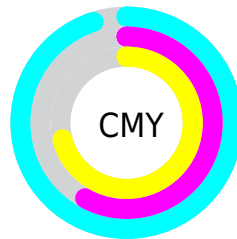
- Red (5%)
- Green (42%)
- Blue (29%)



- Red (5%)
- Yellow (27%)
- Blue (42%)



- Cyan (89%)
- Magenta (0%)
- Yellow (30%)
- Black (58%)



- Cyan (95%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.9470, 0.0261, -55.2045 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 74.9470, 0.0261, -55.2045 by changing the saturation by 10% instead.

■ 74.9470, 0.0261,
-55.2045

■ 74.9470, 0.0261,
-55.2045

■ 255.0000, 0.0000,
0.0000

■ 54.0620, -1.0166,
-47.4124

■ 130.1930, -3.0531,
-47.5273

■ 37.5800, -3.2439,
-32.9577

■ 157.0790, -3.4899,
-47.4273

■ 22.6310, -7.2131,
-19.8474

■ 184.5520, -4.2161,
-47.8421

■ 0.0000, 0.0000,
0.0000

■ 213.1390, -4.5055,
-48.3569

■ 231.7470, 0.1247,
-40.1201

■ 243.0400, 5.8963,

-24.5911

251.7110, 1.6215,
-6.7625

74.9470, 0.0261,
-55.2045

74.9470, 0.0261,
-55.2045

71.2020, -0.0996,
-61.5672

78.6920, 0.1518,
-48.8419

70.9030, 0.0478,
-62.1819

82.0240, -0.0118,
-42.9940

85.7690, 0.1139,
-36.6314

89.4000, -0.1972,
-30.1688

93.1450, -0.0715,
-23.8062

■ 96.5910, 0.2016,
-18.0583

■ 100.2220, -0.1094,
-11.5957

■ 103.9670, 0.0163,
-5.2331

■ 107.2990, -0.1474,
0.6148

Harmonies

Analogous

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



86.0800, -18.2804, -16.7332



74.9470, 0.0261, -55.2045



75.3660, 14.6096, -66.0960

Triad

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



74.9470, 0.0261, -55.2045



91.1260, 29.0249, -22.9125



92.8670, -18.1754, 43.0896

Complementary

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



74.9470, 0.0261, -55.2045



44.0530, -0.0261, 55.2045

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.



94.2170, -5.5300, 47.1677



74.9470, 0.0261, -55.2045



96.3540, 20.0385, 12.8445

Square

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



74.9470, 0.0261, -55.2045



76.8600, 35.5650, -67.4062



95.7070, 8.0324, 37.0910



91.7760, -27.0046, 28.2604

Rectangle

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



74.9470, 0.0261, -55.2045



76.9450, 23.1981, -67.4808



95.7070, 8.0324, 37.0910



93.2140, -14.4025, 46.2933

Sweetspot

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



74.9470, 0.0261, -55.2045



127.1560, -0.0769, -22.0618



77.6320, -32.3566, -28.6183



63.6240, 0.1854, -12.8252



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



74.9470, 0.0261, -55.2045



92.7820, 0.1075, -81.3698



70.3770, 18.0551, -51.1966



51.9780, 0.0108, -3.4887



77.5710, 0.2115, -68.0298



162.2830, -0.1395, -142.3222

Inverse Universe

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



44.0530, -0.0261, 55.2045



47.2180, -0.1075, 81.3698



48.6230, -18.0551, 51.1966



50.0220, -0.0108, 3.4887



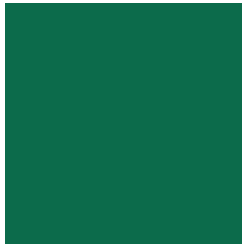
39.5430, 0.2253, 67.9298



82.6030, -0.2973, 142.4222

Previews

White Background



This preview shows how the YUV color 74.9470, 0.0261, -55.2045 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 74.9470, 0.0261, -55.2045 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 74.9470, 0.0261, -55.2045

Background



This preview shows how black text looks on a background with the YUV color 74.9470, 0.0261, -55.2045.



This preview shows how white text looks on a background with the YUV color 74.9470, 0.0261, -55.2045.

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

74.9470, 0.0261, -55.2045

Protanopia

92.3570, -11.5150, 6.7029

Deuteranopia

93.8290, -7.3107, 11.5510



Tritanopia

83.5910, 13.5126, -40.8603

Trichromacy



Original Color

74.9470, 0.0261, -55.2045

Protanomaly

85.9520, -7.3713, -15.7439

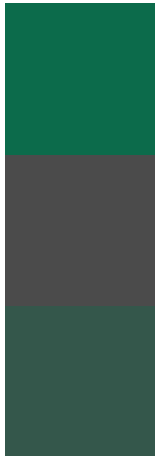
Deuteranomaly

86.7720, -4.3246, -12.9550

Tritanomaly

80.5920, 8.5821, -46.1232

Monochromacy



Original Color

74.9470, 0.0261, -55.2045

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1670, -0.0823, -20.3175

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.9470, 0.0261, -55.2045 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, 107, 75)` looks like.

```
.text, #text, p{  
    color:rgb(12, 107, 75)  
}
```

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, 107, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 107, 75) }
```

Border

The CSS property to change the border of an element to YUV 74.9470, 0.0261, -55.2045 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, 107, 75) }
```


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

```
.border{ border-color:rgb(12, 107, 75) }
```

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

Here you see how a box with a 4 pixel rgb(12, 107, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 107, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 107, 75);  
box-shadow:4px 4px 4px 4px rgb(12, 107,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 74.9470, 0.0261, -55.2045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 107, 75) }
```

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

```
.background{ background-color: rgb(12, 107,  
75) }
```

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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