

Converting Colors

YUV(71.4650, -5.6522, -53.9048)

Have a look what the booklet for
YUV(71.4650, -5.6522, -53.9048)
contains.

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Color

**YUV(71.4650, -5.6522,
-53.9048)**

Conversions

Conversions Part 1

Format	Color
Hex	0A693C
RGB	10, 105, 60
RGB Percent	4%, 41%, 24%
CMY	0.9608, 0.5882, 0.7647
CMYK	0.90, 0.00, 0.43, 0.59
HSL	152°, 83%, 23%
HSV	152°, 90%, 41%
XYZ	5.9924, 10.4939, 5.9847
YIQ	71.4650, -42.1750, -34.1350

Conversions

Conversions Part 2

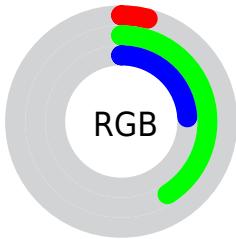
Format	Color
RYB	10, 72, 105
Decimal	682300
CIELab	38.71, -36.84, 18.29
CIELCh	39, 41.130, 153.592
Yxy	10.4939, 0.2667, 0.4670
Android (android.graphics.Color)	4278872380 (0xFF0A693C)
YUV	71.4650, -5.6522, -53.9048
Hunter-Lab	32.3943, -23.6708, 11.7225

Details

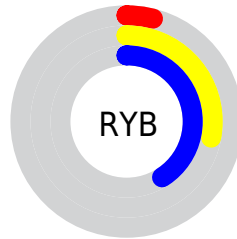
The YUV color **71.4650, -5.6522, -53.9048** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **43.5350, 5.6522, 53.9048**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5970, -9.1683, -46.1276**, and **34.8100, -8.7803, -30.5284** is the 20% darker color. If you saturate the color by 10%, you get **67.9050, -6.3622, -59.5527**, and if you desaturate by 10%, it is **75.0250, -4.9423, -48.2569**.

Distribution



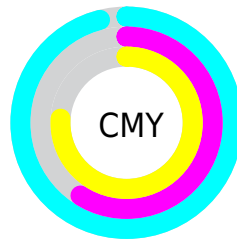
- Red (4%)
- Green (41%)
- Blue (24%)



- Red (4%)
- Yellow (28%)
- Blue (41%)



- Cyan (90%)
- Magenta (0%)
- Yellow (43%)
- Black (59%)



- Cyan (96%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.4650, -5.6522, -53.9048 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 71.4650, -5.6522, -53.9048 by changing the saturation by 10% instead.

■ 71.4650, -5.6522,
-53.9048

■ 71.4650, -5.6522,
-53.9048

255.0000, 0.0000,
0.0000

■ 51.2920, -6.5530,
-44.9831

■ 126.5970, -9.1683,
-46.1276

■ 34.8100, -8.7803,
-30.5284

■ 153.6680,
-10.1893, -45.3128

■ 21.1320, -10.4181,
-18.5328

■ 181.2550,
-10.4787, -45.8276

■ 0.0000, 0.0000,
0.0000

■ 209.4290,
-11.0575, -46.8572

■ 229.3960, -7.5902,
-38.9353

■ 241.0740, 0.9495,

-24.6209

251.1130, 1.9163,
-7.9921

71.4650, -5.6522,
-53.9048

71.4650, -5.6522,
-53.9048

67.9050, -6.3622,
-59.5527

75.0250, -4.9423,
-48.2569

78.8840, -4.3798,
-41.9943

82.4440, -3.6699,
-36.3464

86.3030, -3.1074,
-30.0837

89.8630, -2.3975,
-24.4359

■ 93.7220, -1.8349,
-18.1732

■ 97.2820, -1.1250,
-12.5253

■ 101.1410, -0.5625,
-6.2627

■ 104.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



83.4630, -25.8643, -10.9301



71.4650, -5.6522, -53.9048



73.5250, 10.0942, -64.4814

Triad

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



71.4650, -5.6522, -53.9048



77.3760, 39.7476, -55.5808



89.6770, -16.6028, 52.0263

Complementary

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



71.4650, -5.6522, -53.9048



43.5350, 5.6522, 53.9048

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.



90.4010, -1.1837, 53.1453



71.4650, -5.6522, -53.9048



93.3080, 26.4702, 3.2379

Square

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



71.4650, -5.6522, -53.9048



77.0880, 36.4386, -67.6062



93.4880, 13.5634, 36.4060



88.6740, -28.9263, 37.9969

Rectangle

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



71.4650, -5.6522, -53.9048



76.1470, 20.1405, -66.7809



93.4880, 13.5634, 36.4060



89.0670, -11.3720, 54.3152

Sweetspot

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



71.4650, -5.6522, -53.9048



124.8850, -2.4083, -20.9471



79.5190, -34.2729, -20.6262



61.1680, -1.5618, -12.4253



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



71.4650, -5.6522, -53.9048



89.2140, -8.4865, -78.2407



75.4210, 14.5824, -57.3742



51.8640, -0.4260, -3.3887



75.7470, -6.7773, -66.4301



158.5210, -14.5539, -139.0229

Inverse Universe

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



43.5350, 5.6522, 53.9048



48.6720, 8.0497, 78.3407



39.5790, -14.5824, 57.3742



50.1360, 0.4260, 3.3887



41.3670, 7.2141, 66.3301



86.4790, 14.5539, 139.0229

Previews

White Background



This preview shows how the YUV color 71.4650, -5.6522, -53.9048 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 71.4650, -5.6522, -53.9048 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 71.4650, -5.6522, -53.9048

Background



This preview shows how black text looks on a background with the YUV color 71.4650, -5.6522, -53.9048.



This preview shows how white text looks on a background with the YUV color 71.4650, -5.6522,

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

71.4650, -5.6522, -53.9048

Protanopia

89.2880, -16.9040, 8.5174

Deuteranopia

90.6570, -13.1419, 15.2098



Tritanopia

82.3850, 12.6282, -37.1716

Trichromacy



Original Color

71.4650, -5.6522, -53.9048

Protanomaly

82.8830, -12.7603, -13.9294

Deuteranomaly

83.8880, -10.2978, -10.4258

Tritanomaly

78.3320, 6.2453, -43.2642

Monochromacy



Original Color

71.4650, -5.6522, -53.9048

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0100, -1.9769, -19.3028

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4650, -5.6522, -53.9048 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, 105, 60)` looks like.

```
.text, #text, p{  
    color:rgb(10, 105, 60)  
}
```

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, 105, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 105, 60) }
```

Border

The CSS property to change the border of an element to YUV 71.4650, -5.6522, -53.9048 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, 105, 60) }
```


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

```
.border{ border-color:rgb(10, 105, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 105, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 105, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 105, 60);  
box-shadow:4px 4px 4px 4px rgb(10, 105,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 71.4650, -5.6522, -53.9048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 105, 60) }
```

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

```
.background{ background-color: rgb(10, 105,  
60) }
```

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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