

Converting Colors

YUV(70.8440, -0.4161, -53.3602)

Have a look what the booklet for
YUV(70.8440, -0.4161, -53.3602)
contains.

YUV(70.8440, -0.4161, -53.3602)	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>	31

Color

**YUV(70.8440, -0.4161,
-53.3602)**

Conversions

Conversions Part 1

Format	Color
Hex	0A6646
RGB	10, 102, 70
RGB Percent	4%, 40%, 27%
CMY	0.9608, 0.6000, 0.7255
CMYK	0.90, 0.00, 0.31, 0.60
HSL	159°, 82%, 22%
HSV	159°, 90%, 40%
XYZ	5.9820, 10.0095, 7.4111
YIQ	70.8440, -44.5600, -29.4560

Conversions

Conversions Part 2

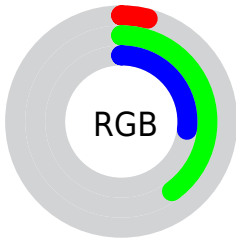
Format	Color
RYB	10, 66, 102
Decimal	681542
CIELab	37.86, -33.27, 11.20
CIELCh	38, 35.101, 161.389
Yxy	10.0095, 0.2556, 0.4277
Android (android.graphics.Color)	4278871622 (0xFF0A6646)
YUV	70.8440, -0.4161, -53.3602
Hunter-Lab	31.6377, -21.6154, 8.2578

Details

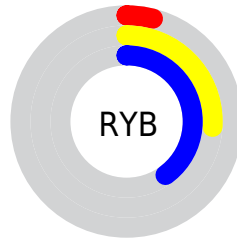
The YUV color **70.8440, -0.4161, -53.3602** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **41.1560, 0.4161, 53.3602**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.9760, -3.9322, -45.5830**, and **34.6620, -4.2704, -30.3986** is the 20% darker color. If you saturate the color by 10%, you get **67.5120, -0.2524, -59.2080**, and if you desaturate by 10%, it is **74.2900, -0.1430, -47.6123**.

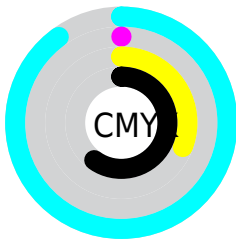
Distribution



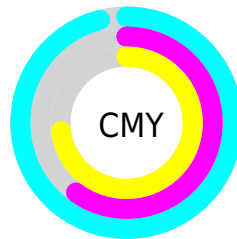
- Red (4%)
- Green (40%)
- Blue (27%)



- Red (4%)
- Yellow (26%)
- Blue (40%)



- Cyan (90%)
- Magenta (0%)
- Yellow (31%)
- Black (60%)



- Cyan (96%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.8440, -0.4161, -53.3602 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 70.8440, -0.4161, -53.3602 by changing the saturation by 10% instead.

70.8440, -0.4161,
-53.3602

70.8440, -0.4161,
-53.3602

255.0000, 0.0000,
0.0000

50.6710, -1.3168,
-44.4385

125.9760, -3.9322,
-45.5830

34.6620, -4.2704,
-30.3986

152.8620, -4.3690,
-45.4830

19.9580, -9.8393,
-17.5032

180.4490, -4.6584,
-45.9978

0.0000, 0.0000,
0.0000

208.0360, -4.9477,
-46.5126

230.1660, -2.0538,
-41.3646

242.1430, 6.3385,

-26.4354

250.8140, 2.0637,
-8.6069

70.8440, -0.4161,
-53.3602

70.8440, -0.4161,
-53.3602

67.5120, -0.2524,
-59.2080

74.2900, -0.1430,
-47.6123

77.6220, -0.3066,
-41.7645

81.3670, -0.1809,
-35.4019

84.6990, -0.3446,
-29.5540

88.1450, -0.0715,
-23.8062

■ 91.4770, -0.2352,
-17.9583

■ 94.9230, 0.0380,
-12.2105

■ 98.5540, -0.2731,
-5.7479

■ 102.0000, 0.0000,
0.0000

Harmonies

Analogous

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



81.7920, -18.1385, -15.6036



70.8440, -0.4161, -53.3602



71.7470, 13.4357, -62.9221

Triad

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



70.8440, -0.4161, -53.3602



85.5280, 29.3197, -24.1421



88.6820, -17.5912, 42.3749

Complementary

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



70.8440, -0.4161, -53.3602



41.1560, 0.4161, 53.3602

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.



89.0320, -4.9458, 46.4529



70.8440, -0.4161, -53.3602



91.6420, 19.8965, 11.7150

Square

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



70.8440, -0.4161, -53.3602



73.2410, 34.3912, -64.2324



91.1090, 8.3273, 35.8614



87.3030, -26.2784, 28.6753

Rectangle

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



70.8440, -0.4161, -53.3602



73.9130, 21.7349, -64.8217



91.1090, 8.3273, 35.8614



88.7300, -13.6709, 44.9638

Sweetspot

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



70.8440, -0.4161, -53.3602



120.7540, -0.3717, -20.8323



73.5720, -31.3410, -27.6886



58.9230, 0.0380, -12.2105



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



70.8440, -0.4161, -53.3602



87.8750, -0.9244, -77.0664



66.2740, 17.6129, -49.3523



49.2770, -0.1366, -2.8739



76.0550, -0.5201, -66.7002



160.0660, -1.0185, -140.3779

Inverse Universe

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



41.1560, 0.4161, 53.3602



45.0110, 0.4876, 77.1664



45.7260, -17.6129, 49.3523



47.7230, 0.1366, 2.8739



38.9450, 0.5201, 66.7002



81.9340, 1.0185, 140.3779

Previews

White Background



This preview shows how the YUV color 70.8440, -0.4161, -53.3602 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 ✓ Pass

Black Background



This preview shows how the YUV color 70.8440, -0.4161, -53.3602 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 70.8440, -0.4161, -53.3602

Background



This preview shows how black text looks on a background with the YUV color 70.8440, -0.4161, -53.3602.



This preview shows how white text looks on a background with the YUV color 70.8440, -0.4161,

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

70.8440, -0.4161, -53.3602

Protanopia

88.2430, -11.9518, 6.8029

Deuteranopia

89.1280, -7.4581, 12.1657



Tritanopia

80.2600, 12.1968, -38.8160

Trichromacy



Original Color

70.8440, -0.4161, -53.3602

Protanomaly

82.1370, -7.9555, -15.0291

Deuteranomaly

82.3700, -4.6194, -11.7255

Tritanomaly

76.6740, 7.5557, -43.5641

Monochromacy



Original Color

70.8440, -0.4161, -53.3602

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8790, 0.0597, -19.1879

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8440, -0.4161, -53.3602 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, 102, 70)` looks like.

```
.text, #text, p{  
    color:rgb(10, 102, 70)  
}
```

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, 102, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 102, 70) }
```

Border

The CSS property to change the border of an element to YUV 70.8440, -0.4161, -53.3602 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, 102, 70) }
```


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

```
.border{ border-color:rgb(10, 102, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 102, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 102, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 102, 70);  
box-shadow:4px 4px 4px 4px rgb(10, 102,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 70.8440, -0.4161, -53.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 102, 70) }
```

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

```
.background{ background-color: rgb(10, 102,  
70) }
```

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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