

Converting Colors

YUV(71.6000, -3.7468, -58.4082)

Have a look what the booklet for
YUV(71.6000, -3.7468, -58.4082)
contains.

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Color

**YUV(71.6000, -3.7468,
-58.4082)**

Conversions

Conversions Part 1

Format	Color
Hex	056B40
RGB	5, 107, 64
RGB Percent	2%, 42%, 25%
CMY	0.9804, 0.5804, 0.7490
CMYK	0.95, 0.00, 0.40, 0.58
HSL	155°, 91%, 22%
HSV	155°, 95%, 42%
XYZ	6.2457, 10.9178, 6.6287
YIQ	71.6000, -46.9890, -34.9970

Conversions

Conversions Part 2

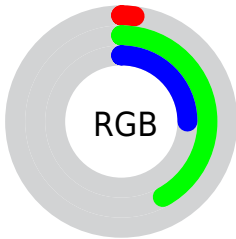
Format	Color
RYB	5, 70, 107
Decimal	355136
CIELab	39.44, -37.21, 16.91
CIELCh	39, 40.869, 155.556
Yxy	10.9178, 0.2625, 0.4589
Android (android.graphics.Color)	4278545216 (0xFF056B40)
YUV	71.6000, -3.7468, -58.4082
Hunter-Lab	33.0421, -24.0833, 11.2352

Details

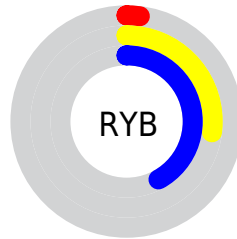
The YUV color **71.6000, -3.7468, -58.4082** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **40.4000, 3.7468, 58.4082**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9280, -7.8525, -48.1719**, and **36.4400, -7.6119, -31.9579** is the 20% darker color. If you saturate the color by 10%, you get **69.8770, -3.8834, -61.2821**, and if you desaturate by 10%, it is **75.4590, -3.1843, -52.1455**.

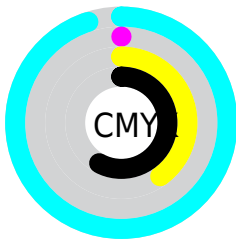
Distribution



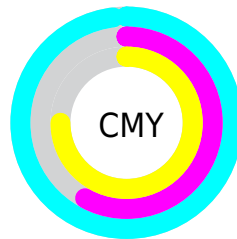
- Red (2%)
- Green (42%)
- Blue (25%)



- Red (2%)
- Yellow (27%)
- Blue (42%)



- Cyan (95%)
- Magenta (0%)
- Yellow (40%)
- Black (58%)



- Cyan (98%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6000, -3.7468, -58.4082 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 71.6000, -3.7468, -58.4082 by changing the saturation by 10% instead.

■ 71.6000, -3.7468,
-58.4082

■ 71.6000, -3.7468,
-58.4082

255.0000, 0.0000,
0.0000

■ 52.9220, -5.3845,
-46.4126

■ 127.9280, -7.8525,
-48.1719

■ 36.4400, -7.6119,
-31.9579

■ 155.7000, -8.7261,
-47.9719

■ 22.3060, -10.9969,
-19.5624

■ 183.1730, -9.4523,
-48.3867

■ 0.0000, 0.0000,
0.0000

■ 211.0590, -9.8891,
-48.2867

■ 229.6670, -5.2588,
-40.0500

■ 241.6440, 3.1335,

-25.1208

251.1130, 1.9163,
-7.9921

71.6000, -3.7468,
-58.4082

71.6000, -3.7468,
-58.4082

69.8770, -3.8834,
-61.2821

75.4590, -3.1843,
-52.1455

78.9050, -2.9112,
-46.3977

82.7640, -2.3487,
-40.1350

86.5090, -2.2229,
-33.7724

90.3680, -1.6604,
-27.5097

■ 93.8140, -1.3873,
-21.7619

■ 97.6730, -0.8248,
-15.4992

■ 101.4180, -0.6991,
-9.1366

■ 104.9780, 0.0108,
-3.4887

Harmonies

Analogous

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



84.7940, -24.5484, -12.9743



71.6000, -3.7468, -58.4082



75.1550, 11.2626, -65.9109

Triad

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



71.6000, -3.7468, -58.4082



83.1600, 37.3891, -45.7443



91.1500, -17.3289, 51.6115

Complementary

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



71.6000, -3.7468, -58.4082



40.4000, 3.7468, 58.4082

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.



92.1730, -2.0573, 53.3453



71.6000, -3.7468, -58.4082



94.8030, 25.7331, 6.3118

Square

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



71.6000, -3.7468, -58.4082



78.4900, 36.7334, -68.8357



94.9720, 12.8318, 37.7356



90.5490, -29.3577, 36.3525

Rectangle

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



71.6000, -3.7468, -58.4082



77.7770, 21.3089, -68.2104



94.9720, 12.8318, 37.7356



91.4260, -12.5350, 54.0004

Sweetspot

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



71.6000, -3.7468, -58.4082



126.1020, -1.5293, -22.8915



78.0300, -36.0038, -25.4593



62.3850, -0.6828, -14.3696



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.



71.6000, -3.7468, -58.4082



91.4140, -5.1341, -80.1701



72.3930, 17.0613, -59.1037



51.8640, -0.4260, -3.3887



76.4310, -4.1565, -67.0300



160.0030, -8.8755, -140.3226

Inverse Universe

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



40.4000, 3.7468, 58.4082



48.5860, 5.1341, 80.1701



39.6070, -17.0613, 59.1037



50.0220, -0.0108, 3.4887



40.5690, 4.1565, 67.0300



84.9970, 8.8755, 140.3226

Previews

White Background



This preview shows how the YUV color 71.6000, -3.7468, -58.4082 looks on a white background.

Color Contrast Check

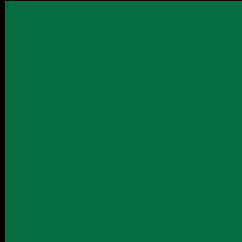
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.6000, -3.7468, -58.4082 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 71.6000, -3.7468, -58.4082

Background



This preview shows how black text looks on a background with the YUV color 71.6000, -3.7468, -58.4082.



This preview shows how white text looks on a background with the YUV color 71.6000, -3.7468, -58.4082.

-58.4082.

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

71.6000, -3.7468, -58.4082

Protanopia

91.4020, -16.4672, 8.4174

Deuteranopia

92.8850, -12.2683, 15.0099



Tritanopia

84.0750, 12.7810, -39.5308

Trichromacy



Original Color

71.6000, -3.7468, -58.4082

Protanomaly

84.1000, -11.8813, -15.8737

Deuteranomaly

85.5180, -9.1294, -11.8553

Tritanomaly

79.7230, 6.5456, -46.2381

Monochromacy



Original Color

71.6000, -3.7468, -58.4082

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1130, -1.5347, -21.1471

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6000, -3.7468, -58.4082 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(5, 107, 64)` looks like.

```
.text, #text, p{  
    color:rgb(5, 107, 64)  
}
```

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(5, 107, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 107, 64) }
```

Border

The CSS property to change the border of an element to YUV 71.6000, -3.7468, -58.4082 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(5, 107, 64) }
```


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

```
.border{ border-color:rgb(5, 107, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 107, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 107, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 107, 64);  
box-shadow:4px 4px 4px 4px rgb(5, 107, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.6000, -3.7468, -58.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 107, 64) }
```

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

```
.background{ background-color: rgb(5, 107,  
64) }
```

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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