

# Converting Colors

YUV(71.5360, 10.0888,  
-62.7371)

Have a look what the booklet for  
YUV(71.5360, 10.0888, -62.7371)  
contains.

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# Color

**YUV(71.5360, 10.0888,  
-62.7371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00685C
RGB	0, 104, 92
RGB Percent	0%, 41%, 36%
CMY	1.0000, 0.5922, 0.6392
CMYK	1.00, 0.00, 0.12, 0.59
HSL	173°, 100%, 20%
HSV	173°, 100%, 41%
XYZ	6.8821, 10.6733, 11.8227
YIQ	71.5360, -58.1320, -25.7800

# Conversions

## Conversions Part 2

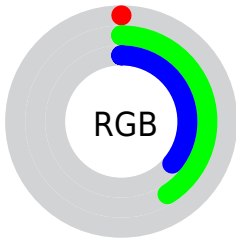
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 55, 104
Decimal	26716
CIELab	39.02, -28.78, -0.54
CIELCh	39, 28.781, 181.084
Yxy	10.6733, 0.2343, 0.3633
Android (android.graphics.Color)	4278216796 (0xFF00685C)
YUV	71.5360, 10.0888, -62.7371
Hunter-Lab	32.6701, -19.5709, 1.4132

# Details

The YUV color **71.5360, 10.0888, -62.7371** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **32.4640, -10.0888, 62.7371**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2880, 6.2670, -50.2416**, and **38.1160, 3.8868, -33.4277** is the 20% darker color. If you saturate the color by 10%, you get **71.5360, 10.0888, -62.7371**, and if you desaturate by 10%, it is **74.6400, 9.0515, -56.6893**.

# Distribution



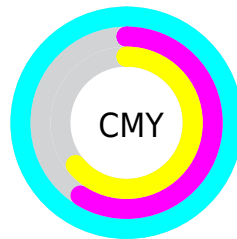
- Red (0%)
- Green (41%)
- Blue (36%)



- Red (0%)
- Yellow (22%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 71.5360, 10.0888, -62.7371 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 71.5360, 10.0888, -62.7371 by changing the saturation by 10% instead.



71.5360, 10.0888,  
-62.7371

71.5360, 10.0888,  
-62.7371

255.0000, 0.0000,  
0.0000

54.2390, 7.2772,  
-47.5676

129.2880, 6.2670,  
-50.2416

38.1160, 3.8868,  
-33.4277

156.5870, 6.1196,  
-49.6268

23.5090, 1.2281,  
-20.6174

184.4730, 5.6828,  
-49.5268

0.0000, 0.0000,  
0.0000

212.1740, 5.8302,  
-50.1416

233.4290, 9.1555,  
-43.3492

242.1430, 6.3385,

-26.4354

251.1130, 1.9163,  
-7.9921

71.5360, 10.0888,  
-62.7371

74.6400, 9.0515,  
-56.6893

78.0430, 7.8668,  
-50.0267

81.2610, 7.2663,  
-44.0789

84.6640, 6.0816,  
-37.4163

87.7680, 5.0444,  
-31.3685

■ 90.8720, 4.0071,  
-25.3207

■ 94.2750, 2.8224,  
-18.6582

■ 97.4930, 2.2220,  
-12.7104

■ 100.8960, 1.0373,  
-6.0478

# Harmonies

## Analogous

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



83.1740, -7.4808, -27.3396



71.5360, 10.0888, -62.7371



73.5710, 20.4245, -64.5218

# Triad

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



71.5360, 10.0888, -62.7371



93.3480, 19.0554, 1.4488



91.6110, -20.0212, 28.4052

# Complementary

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



71.5360, 10.0888, -62.7371



32.4640, -10.0888, 62.7371

# 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.



92.2560, -11.4652, 37.4865



71.5360, 10.0888, -62.7371



94.7870, 9.9650, 23.8658

# Square

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



71.5360, 10.0888, -62.7371



87.3550, 24.9680, -28.3753



93.7040, -0.8401, 36.2166



90.1270, -22.7406, 13.9206



# Rectangle

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



71.5360, 10.0888, -62.7371



74.4660, 26.3923, -65.3067



93.7040, -0.8401, 36.2166



91.9150, -17.7061, 32.5235

# Sweetspot

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



71.5360, 10.0888, -62.7371



122.4700, 3.7123, -24.0912



64.6360, -31.8655, -46.1618



61.1830, 2.3748, -15.0695



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.



71.5360, 10.0888, -62.7371



92.9250, 13.3480, -81.4952



49.4240, 26.9060, -43.3448



49.3910, 0.3002, -2.9739



79.1330, 11.2734, -69.3996



166.4500, 23.4422, -145.9766



# Inverse Universe

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



32.4640, -10.0888, 62.7371



42.1890, -12.9112, 81.3952



54.5760, -26.9060, 43.3448



47.4950, -0.7370, 3.0739



35.8670, -11.2734, 69.3996



75.5500, -23.4422, 145.9766



# Previews

## White Background



This preview shows how the YUV color 71.5360, 10.0888, -62.7371 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 71.5360, 10.0888, -62.7371 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 71.5360, 10.0888, -62.7371 Background



This preview shows how black text looks on a background with the YUV color 71.5360, 10.0888, -62.7371.



This preview shows how white text looks on a background with the YUV color 71.5360, 10.0888,



# 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

91.5120, -3.2104, 3.0590

### Deuteranopia

92.6740, 1.1467, 5.5479

### Tritanopia

79.9000, 14.8393, -46.3933

# Trichromacy



## Protanomaly

84.3240, 1.8123, -21.3321

## Deuteranomaly

84.7310, 4.5696, -19.0581

## Tritanomaly

76.6990, 12.9664, -52.3560

# Monochromacy



## Achromatopsia

72.0000, 0.0000, 0.0000

## Achromatomaly

72.0680, 3.4175, -22.8616

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 71.5360, 10.0888, -62.7371 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(0, 104, 92)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 92)  
}
```

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(0, 104, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 92) }
```

## Border

The CSS property to change the border of an element to YUV 71.5360, 10.0888, -62.7371 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(0, 104, 92) }
```

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

```
.border{ border-color:rgb(0, 104, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 104, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 92);  
box-shadow:4px 4px 4px 4px rgb(0, 104, 92)  
}
```



# Background

The CSS property to change the background color of an element to YUV 71.5360, 10.0888, -62.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 92) }
```

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

```
.background{ background-color: rgb(0, 104,  
92) }
```

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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