

Converting Colors

YUV(69.3360, 6.7364, -60.8077)

Have a look what the booklet for
YUV(69.3360, 6.7364, -60.8077)
contains.

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Color

**YUV(69.3360, 6.7364,
-60.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	006653
RGB	0, 102, 83
RGB Percent	0%, 40%, 33%
CMY	1.0000, 0.6000, 0.6745
CMYK	1.00, 0.00, 0.19, 0.60
HSL	169°, 100%, 20%
HSV	169°, 100%, 40%
XYZ	6.3127, 10.1273, 9.8057
YIQ	69.3360, -54.6930, -27.5330

Conversions

Conversions Part 2

Format	Color
RYB	0, 56, 102
Decimal	26195
CIELab	38.07, -30.57, 3.58
CIElCh	38, 30.782, 173.327
Yxy	10.1273, 0.2405, 0.3859
Android (android.graphics.Color)	4278216275 (0xFF006653)
YUV	69.3360, 6.7364, -60.8077
Hunter-Lab	31.8234, -20.2824, 4.0075

Details

The YUV color **69.3360, 6.7364, -60.8077** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **32.6640, -6.7364, 60.8077**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.6750, 2.6252, -48.8270**, and **36.0300, 0.9712, -31.5983** is the 20% darker color. If you saturate the color by 10%, you get **69.3360, 6.7364, -60.8077**, and if you desaturate by 10%, it is **72.5540, 6.1359, -54.8599**.

Distribution



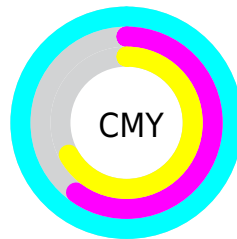
- Red (0%)
- Green (40%)
- Blue (33%)



- Red (0%)
- Yellow (22%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.3360, 6.7364, -60.8077 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 69.3360, 6.7364, -60.8077 by changing the saturation by 10% instead.

■ 69.3360, 6.7364,
-60.8077

■ 69.3360, 6.7364,
-60.8077

255.0000, 0.0000,
0.0000

■ 52.0390, 3.9248,
-45.6382

■ 126.6750, 2.6252,
-48.8270

■ 36.0300, 0.9712,
-31.5983

■ 153.5610, 2.1884,
-48.7270

■ 22.0100, -1.9769,
-19.3028

■ 181.4470, 1.7516,
-48.6270

■ 0.0000, 0.0000,
0.0000

■ 209.1480, 1.8990,
-49.2418

■ 231.5770, 4.6455,
-43.4790

■ 241.5450, 6.6333,

-27.6650

■ 250.2160, 2.3585,
-9.8364

■ 69.3360, 6.7364,
-60.8077

■ 72.5540, 6.1359,
-54.8599

■ 75.7720, 5.5354,
-48.9120

■ 79.2890, 4.7875,
-42.3495

■ 82.5070, 4.1870,
-36.4016

■ 85.7250, 3.5866,
-30.4538

■ 88.8290, 2.5493,
-24.4060

■ 92.0470, 1.9488,
-18.4582

■ 95.5640, 1.2009,
-11.8956

■ 98.7820, 0.6005,
-5.9478

Harmonies

Analogous

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



81.2840, -10.9860, -23.0511



69.3360, 6.7364, -60.8077



72.3000, 18.0931, -63.4071

Triad

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



69.3360, 6.7364, -60.8077



90.1020, 22.1347, -6.2285



89.1710, -19.3113, 34.0530

Complementary

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



69.3360, 6.7364, -60.8077



32.6640, -6.7364, 60.8077

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.



89.8480, -9.2921, 40.4753



69.3360, 6.7364, -60.8077



92.6770, 13.4702, 19.5773

Square

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



69.3360, 6.7364, -60.8077



80.2930, 28.9426, -43.2300



91.2140, 2.3595, 36.6463



87.5190, -23.9199, 18.8388

Rectangle

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



69.3360, 6.7364, -60.8077



73.3090, 24.4977, -64.2920



91.2140, 2.3595, 36.6463



89.4040, -15.9752, 37.3567

Sweetspot

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



69.3360, 6.7364, -60.8077



120.1280, 2.4019, -23.7913



65.8540, -32.4660, -40.2140



58.3680, 1.7906, -14.3547



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.



69.3360, 6.7364, -60.8077



90.3830, 8.6852, -79.2659



53.3050, 24.0066, -46.7485



49.3910, 0.3002, -2.9739



78.1070, 7.3422, -68.4998



164.5120, 16.0166, -144.2770

Inverse Universe

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



32.6640, -6.7364, 60.8077



42.6170, -8.6852, 79.2659



48.6950, -24.0066, 46.7485



47.6090, -0.3002, 2.9739



36.7790, -7.7790, 68.5998



77.4880, -16.0166, 144.2770

Previews

White Background



This preview shows how the YUV color 69.3360, 6.7364, -60.8077 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 69.3360, 6.7364, -60.8077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

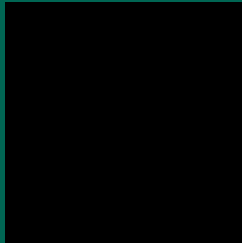
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 69.3360, 6.7364, -60.8077

Background



This preview shows how black text looks on a background with the YUV color 69.3360, 6.7364, -60.8077.



This preview shows how white text looks on a background with the YUV color 69.3360, 6.7364,

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

89.0130, -6.4154, 4.3736

Deuteranopia

90.4740, -2.2057, 7.4773

Tritanopia

79.2810, 13.6655, -43.2194

Trichromacy



Protanomaly

82.1240, -1.5401, -19.4027

Deuteranomaly

82.5310, 1.2172, -17.1287

Tritanomaly

75.5530, 11.0664, -49.5970

Monochromacy



Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1390, 2.3965, -22.0469

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.3360, 6.7364, -60.8077 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, 102, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 83)  
}
```

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, 102, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 83) }
```

Border

The CSS property to change the border of an element to YUV 69.3360, 6.7364, -60.8077 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, 102, 83) }
```

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

```
.border{ border-color:rgb(0, 102, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 102, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 83);  
box-shadow:4px 4px 4px 4px rgb(0, 102, 83)  
}
```


Background

The CSS property to change the background color of an element to YUV 69.3360, 6.7364, -60.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 83) }
```

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

```
.background{ background-color: rgb(0, 102,  
83) }
```

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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