

Converting Colors

YUV(70.3280, 15.6143,
-61.6777)

Have a look what the booklet for
YUV(70.3280, 15.6143, -61.6777)
contains.

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Color

**YUV(70.3280, 15.6143,
-61.6777)**

Conversions

Conversions Part 1

Format	Color
Hex	006466
RGB	0, 100, 102
RGB Percent	0%, 39%, 40%
CMY	1.0000, 0.6078, 0.6000
CMYK	1.00, 0.02, 0.00, 0.60
HSL	181°, 100%, 20%
HSV	181°, 100%, 40%
XYZ	6.9554, 10.0737, 14.1482
YIQ	70.3280, -60.2420, -20.5780

Conversions

Conversions Part 2

Format	Color
RYB	0, 50, 102
Decimal	25702
CIELab	37.97, -23.51, -8.24
CIELCh	38, 24.913, 199.317
Yxy	10.0737, 0.2231, 0.3231
Android (android.graphics.Color)	4278215782 (0xFF006466)
YUV	70.3280, 15.6143, -61.6777
Hunter-Lab	31.7390, -16.4259, -4.2122

Details

The YUV color **70.3280, 15.6143, -61.6777** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **31.6720, -15.6143, 61.6777**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.9060, 12.3713, -48.1526**, and **37.3810, 8.6862, -32.7831** is the 20% darker color. If you saturate the color by 10%, you get **70.3280, 15.6143, -61.6777**, and if you desaturate by 10%, it is **73.3180, 14.1402, -55.5299**.

Distribution



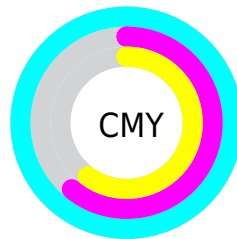
- Red (0%)
- Green (39%)
- Blue (40%)



- Red (0%)
- Yellow (20%)
- Blue (40%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3280, 15.6143, -61.6777 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 70.3280, 15.6143, -61.6777 by changing the saturation by 10% instead.

70.3280, 15.6143,
-61.6777

70.3280, 15.6143,
-61.6777

255.0000, 0.0000,
0.0000

53.5040, 12.0765,
-46.9230

127.9060, 12.3713,
-48.1526

37.3810, 8.6862,
-32.7831

155.2050, 12.2239,
-47.5378

22.6600, 5.5906,
-19.8728

182.7920, 11.9345,
-48.0526

1.2540, 4.8048,
-1.0998

210.7920, 11.9345,
-48.0526

0.0000, 0.0000,
0.0000

233.7710, 10.4659,
-43.6492

242.4420, 6.1911,

-25.8206

251.1130, 1.9163,
-7.9921

70.3280, 15.6143,
-61.6777

73.3180, 14.1402,
-55.5299

76.3080, 12.6662,
-49.3821

80.1840, 10.7553,
-43.1344

83.1740, 9.2812,
-36.9866

86.1640, 7.8071,
-30.8388

■ 89.1540, 6.3331,
-24.6911

■ 92.1440, 4.8590,
-18.5433

■ 96.0200, 2.9481,
-12.2955

■ 99.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



79.5950, 0.6927, -35.6018



70.3280, 15.6143, -61.6777



71.0920, 23.6186, -62.3477

Triad

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



70.3280, 15.6143, -61.6777



91.8890, 11.8867, 14.1293



88.7730, -19.1151, 17.7391

Complementary

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



70.3280, 15.6143, -61.6777



31.6720, -15.6143, 61.6777

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.



89.9900, -14.7851, 28.9498



70.3280, 15.6143, -61.6777



91.5720, 2.6760, 28.4394

Square

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



70.3280, 15.6143, -61.6777



89.7660, 18.3564, -7.6878



90.7870, -6.7970, 33.5128



86.4290, -17.4665, 2.2548

Rectangle

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



70.3280, 15.6143, -61.6777



79.8110, 23.2642, -41.9302



90.7870, -6.7970, 33.5128



88.7350, -18.1104, 22.1574

Sweetspot

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



70.3280, 15.6143, -61.6777



120.4530, 6.1857, -24.0763



60.1020, -28.6443, -52.7095



58.8240, 3.5378, -14.7546



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.



70.3280, 15.6143, -61.6777



91.4720, 20.4733, -80.2209



40.3910, 30.3732, -35.4229



49.5050, 0.7370, -3.0739



79.4410, 17.5306, -69.6698



167.2940, 36.8301, -146.7168

Inverse Universe

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



41.8980, 28.6443, 52.7095



54.5870, 37.1786, 68.7682



61.6090, -30.3732, 35.4229



48.0650, 1.4470, 2.5740



47.2670, 32.4064, 59.4018



99.4900, 68.2854, 124.9813

Previews

White Background



This preview shows how the YUV color 70.3280, 15.6143, -61.6777 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 70.3280, 15.6143, -61.6777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

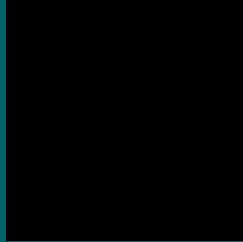
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.3280, 15.6143, -61.6777

Background



This preview shows how black text looks on a background with the YUV color 70.3280, 15.6143, -61.6777.



This preview shows how white text looks on a background with the YUV color 70.3280, 15.6143,

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

89.6840, 2.6208, -0.5999

Deuteranopia

90.2480, 7.2727, 0.6595

Tritanopia

75.0950, 15.7292, -51.8263

Trichromacy



Protanomaly

82.8060, 7.4906, -22.6319

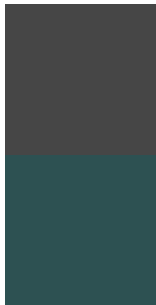
Deuteranomaly

83.2020, 10.2534, -22.1022

Tritanomaly

73.0730, 15.7400, -55.3150

Monochromacy



Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.3500, 5.7435, -22.2319

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3280, 15.6143, -61.6777 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, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 100, 102)  
}
```

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, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 100, 102) }
```

Border

The CSS property to change the border of an element to YUV 70.3280, 15.6143, -61.6777 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, 100, 102) }
```

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

```
.border{ border-color:rgb(0, 100, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 100, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 100,  
102) }
```


Background

The CSS property to change the background color of an element to YUV 70.3280, 15.6143, -61.6777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 100, 102) }
```

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

```
.background{ background-color: rgb(0, 100,  
102) }
```

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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