

Converting Colors

YUV(63.8880, 16.3242,
-56.0298)

Have a look what the booklet for
YUV(63.8880, 16.3242, -56.0298)
contains.

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Color

**YUV(63.8880, 16.3242,
-56.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	005A61
RGB	0, 90, 97
RGB Percent	0%, 35%, 38%
CMY	1.0000, 0.6471, 0.6196
CMYK	1.00, 0.07, 0.00, 0.62
HSL	184°, 100%, 19%
HSV	184°, 100%, 38%
XYZ	5.8138, 8.1754, 12.5808
YIQ	63.8880, -55.8870, -16.9030

Conversions

Conversions Part 2

Format	Color
RYB	0, 47, 97
Decimal	23137
CIELab	34.35, -20.00, -10.61
CIELCh	34, 22.641, 207.943
Yxy	8.1754, 0.2188, 0.3077
Android (android.graphics.Color)	4278213217 (0xFF005A61)
YUV	63.8880, 16.3242, -56.0298
Hunter-Lab	28.5926, -13.7422, -6.0729

Details

The YUV color **63.8880, 16.3242, -56.0298** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **33.1120, -16.3242, 56.0298**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.9820, 13.8129, -43.8342**, and **31.6420, 9.5435, -27.7500** is the 20% darker color. If you saturate the color by 10%, you get **63.8880, 16.3242, -56.0298**, and if you desaturate by 10%, it is **67.4650, 14.5608, -50.3968**.

Distribution



- Red (0%)
- Green (35%)
- Blue (38%)



- Red (0%)
- Yellow (18%)
- Blue (38%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.8880, 16.3242, -56.0298 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 63.8880, 16.3242, -56.0298 by changing the saturation by 10% instead.

63.8880, 16.3242,
-56.0298

63.8880, 16.3242,
-56.0298

255.0000, 0.0000,
0.0000

47.0640, 12.7864,
-41.2751

119.9820, 13.8129,
-43.8342

31.6420, 9.5435,
-27.7500

146.8680, 13.3761,
-43.7342

18.0950, 5.8692,
-15.8693

174.2810, 13.6655,
-43.2194

0.2280, 0.8736,
-0.2000

201.9820, 13.8129,
-43.8342

0.0000, 0.0000,
0.0000

230.2270, 12.2131,
-44.0491

241.2460, 6.7807,

-28.2797

■ 249.9170, 2.5059,
-10.4512

■ 63.8880, 16.3242,
-56.0298

■ 67.4650, 14.5608,
-50.3968

■ 70.1560, 13.2341,
-44.8638

■ 73.7330, 11.4706,
-39.2308

■ 77.3100, 9.7072,
-33.5979

■ 80.8870, 7.9437,
-27.9649

■ 83.5780, 6.6170,
-22.4319

■ 87.1550, 4.8536,
-16.7989

■ 90.7320, 3.0901,
-11.1660

■ 93.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



70.5070, 4.1870, -36.4016



63.8880, 16.3242, -56.0298



69.3930, 20.5123, -45.9487

Triad

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



63.8880, 16.3242, -56.0298



82.9880, 8.3869, 16.6735



79.6090, -17.0622, 12.6209

Complementary

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



63.8880, 16.3242, -56.0298



33.1120, -16.3242, 56.0298

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.



80.9570, -14.7688, 23.7167



63.8880, 16.3242, -56.0298



82.8770, 0.0606, 27.2949

Square

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



63.8880, 16.3242, -56.0298



82.3000, 15.1351, -1.1401



81.7110, -8.2385, 29.1945



77.7920, -14.6875, -2.4486

Rectangle

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



63.8880, 16.3242, -56.0298



75.3780, 20.0266, -30.1495



81.7110, -8.2385, 29.1945



80.0440, -16.7837, 16.6244

Sweetspot

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



63.8880, 16.3242, -56.0298



111.8770, 6.4696, -21.8171



57.6230, -25.4501, -50.5354



55.9490, 3.9691, -13.1103



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



63.8880, 16.3242, -56.0298



82.3420, 21.0304, -72.2139



35.7120, 30.2150, -31.3194



46.8040, 0.5896, -2.4591



73.8160, 18.8247, -64.7366



157.6740, 40.5867, -138.2801

Inverse Universe

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



39.2630, 25.0133, 50.6353



50.5990, 32.2427, 65.2497



61.2880, -30.2150, 31.3194



45.6520, 1.1576, 2.0592



45.3440, 28.9174, 58.4573



97.0680, 61.5915, 125.3514

Previews

White Background



This preview shows how the YUV color 63.8880, 16.3242, -56.0298 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 63.8880, 16.3242, -56.0298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

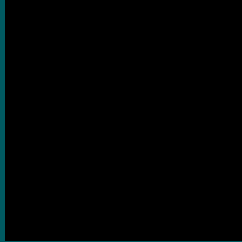
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.8880, 16.3242, -56.0298

Background



This preview shows how black text looks on a background with the YUV color 63.8880, 16.3242, -56.0298.



This preview shows how white text looks on a background with the YUV color 63.8880, 16.3242, -56.0298.

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

80.9550, 4.9522, -1.7145

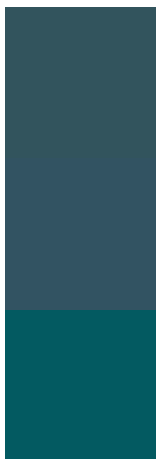
Deuteranopia

81.2800, 8.7360, -1.9996

Tritanopia

65.0840, 15.7346, -53.5707

Trichromacy



Protanomaly

74.8600, 8.9430, -21.8022

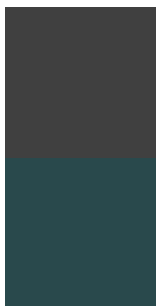
Deuteranomaly

74.8430, 11.4164, -21.7873

Tritanomaly

64.7850, 15.8820, -54.1854

Monochromacy



Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.7740, 6.0274, -19.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.8880, 16.3242, -56.0298 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, 90, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 97)  
}
```

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, 90, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 97) }
```

Border

The CSS property to change the border of an element to YUV 63.8880, 16.3242, -56.0298 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, 90, 97) }
```

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

```
.border{ border-color:rgb(0, 90, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 90, 97); box-shadow:4px  
4px 4px 4px rgb(0, 90, 97) }
```


Background

The CSS property to change the background color of an element to YUV 63.8880, 16.3242, -56.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 97) }
```

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

```
.background{ background-color: rgb(0, 90,  
97) }
```

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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