

Converting Colors

YUV(76.8880, 16.3242,
-56.0298)

Have a look what the booklet for
YUV(76.8880, 16.3242, -56.0298)
contains.

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Color

**YUV(76.8880, 16.3242,
-56.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	0D676E
RGB	13, 103, 110
RGB Percent	5%, 40%, 43%
CMY	0.9490, 0.5961, 0.5686
CMYK	0.88, 0.06, 0.00, 0.57
HSL	184°, 79%, 24%
HSV	184°, 88%, 43%
XYZ	7.8307, 10.9119, 16.4453
YIQ	76.8880, -55.8870, -16.9030

Conversions

Conversions Part 2

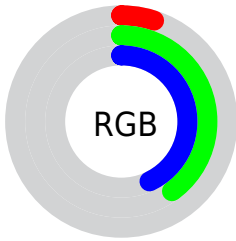
Format	Color
R_{YB}	13, 60, 110
Decimal	878446
CIE _{Lab}	39.43, -21.36, -10.94
CIE _{LCh}	39, 24.001, 207.113
Yxy	10.9119, 0.2225, 0.3101
Android (android.graphics.Color)	4279068526 (0xFF0D676E)
YUV	76.8880, 16.3242, -56.0298
Hunter-Lab	33.0331, -15.4934, -6.3940

Details

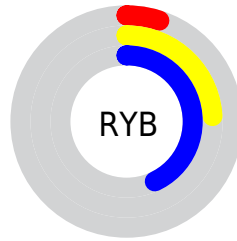
The YUV color **76.8880, 16.3242, -56.0298** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **46.1120, -16.3242, 56.0298**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4870, 14.5499, -46.9081**, and **39.3530, 11.1650, -34.5126** is the 20% darker color. If you saturate the color by 10%, you get **73.0120, 18.2351, -62.2775**, and if you desaturate by 10%, it is **80.7640, 14.4133, -49.7820**.

Distribution



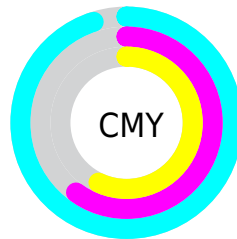
- Red (5%)
- Green (40%)
- Blue (43%)



- Red (5%)
- Yellow (24%)
- Blue (43%)



- Cyan (88%)
- Magenta (6%)
- Yellow (0%)
- Black (57%)



- Cyan (95%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8880, 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 76.8880, 16.3242, -56.0298 by changing the saturation by 10% instead.

76.8880, 16.3242,
-56.0298

76.8880, 16.3242,
-56.0298

255.0000, 0.0000,
0.0000

56.1770, 14.7027,
-49.2672

132.4870, 14.5499,
-46.9081

39.3530, 11.1650,
-34.5126

159.4870, 14.5499,
-46.9081

24.6320, 8.0694,
-21.6023

187.3730, 14.1131,
-46.8081

2.9810, 8.8834,
-2.6143

215.4870, 14.5499,
-46.9081

0.0000, 0.0000,
0.0000

235.5650, 9.5815,
-39.9605

244.2360, 5.3067,

-22.1320

253.2060, 0.8844,
-3.6887

76.8880, 16.3242,
-56.0298

76.8880, 16.3242,
-56.0298

73.0120, 18.2351,
-62.2775

80.7640, 14.4133,
-49.7820

72.4140, 18.5299,
-63.5071

84.6400, 12.5025,
-43.5343

87.9290, 10.8810,
-36.7717

91.8050, 8.9701,
-30.5240

95.6810, 7.0593,
-24.2762

■ 99.5570, 5.1484,
-18.0285

■ 103.4330, 3.2375,
-11.7807

■ 106.7220, 1.6161,
-5.0182

■ 110.5980, -0.2948,
1.2296

Harmonies

Analogous

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



82.3820, 3.7557, -38.0460



76.8880, 16.3242, -56.0298



81.0230, 21.6807, -47.3782

Triad

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



76.8880, 16.3242, -56.0298



95.8140, 8.9657, 17.7031



91.8650, -18.6674, 14.1504

Complementary

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



76.8880, 16.3242, -56.0298



46.1120, -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.



93.0390, -15.7952, 26.2758



76.8880, 16.3242, -56.0298



95.3010, 0.3446, 29.5540

Square

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



76.8880, 16.3242, -56.0298



94.3430, 16.5929, -2.0548



94.2060, -8.9756, 32.2683



89.7490, -16.1453, -1.5339

Rectangle

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



76.8880, 16.3242, -56.0298



86.8230, 21.7793, -32.2938



94.2060, -8.9756, 32.2683



92.3000, -18.3889, 18.1539

Sweetspot

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



76.8880, 16.3242, -56.0298



130.1760, 6.3222, -21.2024



70.6230, -25.4501, -50.5354



63.8350, 3.5323, -13.0103



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.



76.8880, 16.3242, -56.0298



93.7860, 24.2625, -82.2503



48.7120, 30.2150, -31.3194



54.2060, 0.8844, -3.6887



78.8370, 20.2934, -69.1400



163.1680, 41.3292, -143.0983

Inverse Universe

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



52.2630, 25.0133, 50.6353



57.8050, 36.5781, 74.7160



74.2880, -30.2150, 31.3194



52.4780, 1.7363, 3.0888



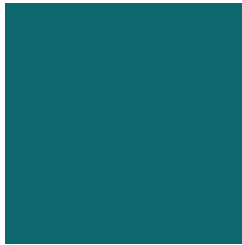
48.5340, 30.7957, 62.6757



100.0730, 64.0540, 128.8550

Previews

White Background



This preview shows how the YUV color 76.8880, 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 × Fail

Black Background



This preview shows how the YUV color 76.8880, 16.3242, -56.0298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

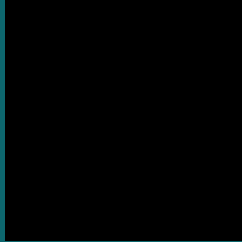
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8880, 16.3242, -56.0298

Background



This preview shows how black text looks on a background with the YUV color 76.8880, 16.3242, -56.0298.



This preview shows how white text looks on a background with the YUV color 76.8880, 16.3242,

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

76.8880, 16.3242, -56.0298

Protanopia

92.9550, 4.9522, -1.7145

Deuteranopia

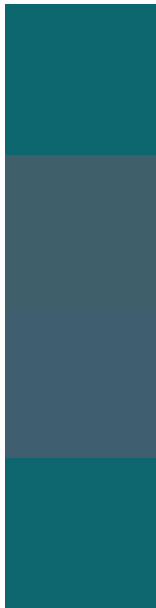
93.8070, 9.4621, -1.5847



Tritanopia

77.6000, 16.4662, -54.9002

Trichromacy



Original Color

76.8880, 16.3242, -56.0298

Protanomaly

87.2730, 9.2324, -21.2874

Deuteranomaly

87.3700, 12.1426, -21.3725

Tritanomaly

77.3010, 16.6136, -55.5150

Monochromacy



Original Color

76.8880, 16.3242, -56.0298

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7740, 6.0274, -19.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8880, 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(13, 103, 110)` looks like.

```
.text, #text, p{  
    color:rgb(13, 103, 110)  
}
```

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(13, 103, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 103, 110) }
```

Border

The CSS property to change the border of an element to YUV 76.8880, 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(13, 103, 110) }
```


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

```
.border{ border-color:rgb(13, 103, 110) }
```

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

Here you see how a box with a 4 pixel rgb(13, 103, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 103, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 103, 110);  
box-shadow:4px 4px 4px 4px rgb(13, 103,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 76.8880, 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(13, 103, 110) }
```

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

```
.background{ background-color: rgb(13, 103,  
110) }
```

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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