

Converting Colors

YUV(84.8880, 16.3242,
-56.0298)

Have a look what the booklet for
YUV(84.8880, 16.3242, -56.0298)
contains.

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Color

**YUV(84.8880, 16.3242,
-56.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	156F76
RGB	21, 111, 118
RGB Percent	8%, 44%, 46%
CMY	0.9176, 0.5647, 0.5373
CMYK	0.82, 0.06, 0.00, 0.54
HSL	184°, 70%, 27%
HSV	184°, 82%, 46%
XYZ	9.2637, 12.8363, 19.1289
YIQ	84.8880, -55.8870, -16.9030

Conversions

Conversions Part 2

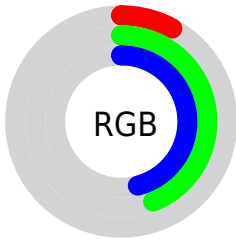
Format	Color
R_{YB}	21, 68, 118
Decimal	1404790
CIE _{Lab}	42.52, -22.12, -11.13
CIE _{LCh}	43, 24.761, 206.699
Yxy	12.8363, 0.2247, 0.3113
Android (android.graphics.Color)	4279594870 (0xFF156F76)
YUV	84.8880, 16.3242, -56.0298
Hunter-Lab	35.8278, -16.5453, -6.5763

Details

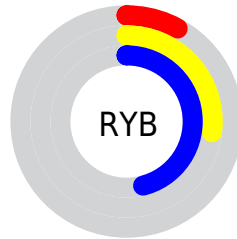
The YUV color **84.8880, 16.3242, -56.0298** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **54.1120, -16.3242, 56.0298**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4760, 14.5553, -48.6525**, and **44.9610, 12.3442, -39.4308** is the 20% darker color. If you saturate the color by 10%, you get **80.7130, 18.3825, -62.8923**, and if you desaturate by 10%, it is **89.0630, 14.2659, -49.1673**.

Distribution



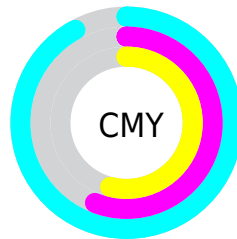
- Red (8%)
- Green (44%)
- Blue (46%)



- Red (8%)
- Yellow (27%)
- Blue (46%)



- Cyan (82%)
- Magenta (6%)
- Yellow (0%)
- Black (54%)



- Cyan (92%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8880, 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 84.8880, 16.3242, -56.0298 by changing the saturation by 10% instead.

■ 84.8880, 16.3242,
-56.0298

■ 84.8880, 16.3242,
-56.0298

■ 255.0000, 0.0000,
0.0000

■ 61.0840, 15.7346,
-53.5707

■ 140.4760, 14.5553,
-48.6525

■ 44.9610, 12.3442,
-39.4308

■ 167.4760, 14.5553,
-48.6525

■ 28.8380, 8.9539,
-25.2909

■ 195.4760, 14.5553,
-48.6525

■ 13.0570, 6.8739,
-11.4510

■ 224.1770, 14.7027,
-49.2672

■ 0.0000, 0.0000,
0.0000

■ 237.6580, 8.5496,
-35.6571

■ 246.3290, 4.2748,

-17.8285

■ 84.8880, 16.3242,
-56.0298

■ 84.8880, 16.3242,
-56.0298

■ 80.7130, 18.3825,
-62.8923

■ 89.0630, 14.2659,
-49.1673

■ 77.4350, 19.9985,
-67.9105

■ 93.2380, 12.2077,
-42.3047

■ 97.1140, 10.2968,
-36.0570

■ 100.7020, 8.5279,
-28.6797

■ 104.8770, 6.4696,
-21.8171

■ 109.0520, 4.4114,
-14.9546

■ 113.2270, 2.3531,
-8.0921

■ 117.1030, 0.4422,
-1.8443

■ 121.2780, -1.6161,
5.0182

Harmonies

Analogous

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



89.6700, 3.6137, -39.1756



84.8880, 16.3242, -56.0298



88.5390, 22.4123, -48.7077

Triad

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



84.8880, 16.3242, -56.0298



103.3410, 9.6919, 18.1179



98.9360, -19.6884, 14.9651

Complementary

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



84.8880, 16.3242, -56.0298



54.1120, -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.



100.5230, -16.5268, 27.6053



84.8880, 16.3242, -56.0298



102.8990, 0.0498, 30.7836

Square

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



84.8880, 16.3242, -56.0298



101.8700, 17.3191, -1.6400



101.8040, -9.2704, 33.4979



97.2220, -16.8714, -1.9487

Rectangle

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



84.8880, 16.3242, -56.0298



94.3390, 22.5109, -33.6233



101.8040, -9.2704, 33.4979



99.7840, -19.1205, 19.4834

Sweetspot

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



84.8880, 16.3242, -56.0298



139.8770, 6.4696, -21.8171



78.6230, -25.4501, -50.5354



68.9490, 3.9691, -13.1103



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



84.8880, 16.3242, -56.0298



101.3940, 25.4418, -87.1685



56.7120, 30.2150, -31.3194



56.6190, 1.1738, -3.1739



80.8260, 20.2988, -70.8844



164.6840, 42.0608, -144.4279

Inverse Universe

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



60.2630, 25.0133, 50.6353



63.1090, 38.8933, 78.8344



82.2880, -30.2150, 31.3194



55.3640, 1.2995, 3.1888



49.4740, 31.8113, 63.6053



101.1980, 64.4854, 130.4994

Previews

White Background



This preview shows how the YUV color 84.8880, 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 84.8880, 16.3242, -56.0298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

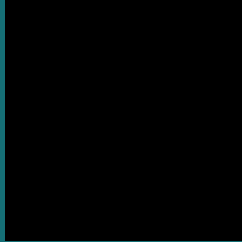
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.8880, 16.3242, -56.0298

Background



This preview shows how black text looks on a background with the YUV color 84.8880, 16.3242, -56.0298.



This preview shows how white text looks on a background with the YUV color 84.8880, 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

84.8880, 16.3242, -56.0298

Protanopia

100.2540, 4.8048, -1.0998

Deuteranopia

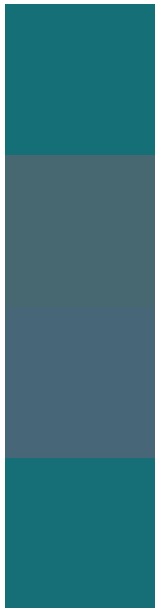
100.9210, 9.8989, -1.6847



Tritanopia

85.7140, 16.9030, -55.0002

Trichromacy



Original Color

84.8880, 16.3242, -56.0298

Protanomaly

94.5720, 9.0850, -20.6726

Deuteranomaly

95.3700, 12.1426, -21.3725

Tritanomaly

85.3010, 16.6136, -55.5150

Monochromacy



Original Color

84.8880, 16.3242, -56.0298

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7740, 6.0274, -19.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8880, 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(21, 111, 118)` looks like.

```
.text, #text, p{  
    color:rgb(21, 111, 118)  
}
```

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(21, 111, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 111, 118) }
```

Border

The CSS property to change the border of an element to YUV 84.8880, 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(21, 111, 118) }
```


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

```
.border{ border-color:rgb(21, 111, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 111, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 111, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 111, 118);  
box-shadow:4px 4px 4px 4px rgb(21, 111,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 84.8880, 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(21, 111, 118) }
```

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

```
.background{ background-color: rgb(21, 111,  
118) }
```

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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