

Converting Colors

YUV(75.5090, 11.0881,
-56.5744)

Have a look what the booklet for
YUV(75.5090, 11.0881, -56.5744)
contains.

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Color

**YUV(75.5090, 11.0881,
-56.5744)**

Conversions

Conversions Part 1

Format	Color
Hex	0B6862
RGB	11, 104, 98
RGB Percent	4%, 41%, 38%
CMY	0.9569, 0.5922, 0.6157
CMYK	0.89, 0.00, 0.06, 0.59
HSL	176°, 81%, 23%
HSV	176°, 89%, 41%
XYZ	7.2929, 10.8536, 13.2659
YIQ	75.5090, -53.5020, -21.5820

Conversions

Conversions Part 2

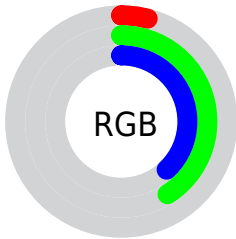
Format	Color
RYB	11, 59, 104
Decimal	747618
CIELab	39.33, -26.04, -3.75
CIELCh	39, 26.305, 188.191
Yxy	10.8536, 0.2322, 0.3455
Android (android.graphics.Color)	4278937698 (0xFF0B6862)
YUV	75.5090, 11.0881, -56.5744
Hunter-Lab	32.9448, -18.1393, -0.8128

Details

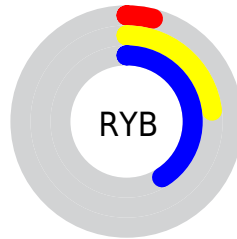
The YUV color **75.5090, 11.0881, -56.5744** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **39.4910, -11.0881, 56.5744**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5810, 8.5876, -47.8675**, and **38.8000, 6.5076, -34.0276** is the 20% darker color. If you saturate the color by 10%, you get **72.4050, 12.1253, -62.6222**, and if you desaturate by 10%, it is **78.6130, 10.0508, -50.5266**.

Distribution



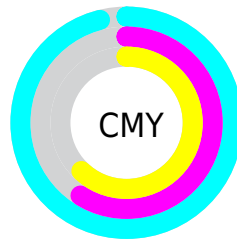
- Red (4%)
- Green (41%)
- Blue (38%)



- Red (4%)
- Yellow (23%)
- Blue (41%)



- Cyan (89%)
- Magenta (0%)
- Yellow (6%)
- Black (59%)



- Cyan (96%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5090, 11.0881, -56.5744 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 75.5090, 11.0881, -56.5744 by changing the saturation by 10% instead.

■ 75.5090, 11.0881,
-56.5744

■ 75.5090, 11.0881,
-56.5744

■ 255.0000, 0.0000,
0.0000

■ 55.3960, 9.1718,
-48.5823

■ 131.5810, 8.5876,
-47.8675

■ 38.8000, 6.5076,
-34.0276

■ 158.4670, 8.1508,
-47.7676

■ 24.0790, 3.4121,
-21.1173

■ 186.4670, 8.1508,
-47.7676

■ 0.6840, 2.6208,
-0.5999

■ 214.1680, 8.2982,
-48.3823

■ 0.0000, 0.0000,
0.0000

■ 234.9670, 9.8763,
-41.1901

■ 243.3390, 5.7489,

-23.9763

252.3090, 1.3267,
-5.5330

75.5090, 11.0881,
-56.5744

75.5090, 11.0881,
-56.5744

72.4050, 12.1253,
-62.6222

78.6130, 10.0508,
-50.5266

72.1060, 12.2727,
-63.2370

81.9020, 8.4293,
-43.7641

85.0060, 7.3920,
-37.7163

88.4090, 6.2074,
-31.0537

91.3990, 4.7333,
-24.9059

■ 94.5030, 3.6960,
-18.8581

■ 97.9060, 2.5113,
-12.1956

■ 100.8960, 1.0373,
-6.0478

■ 104.2990, -0.1474,
0.6148

Harmonies

Analogous

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



84.0750, -3.9810, -29.8838



75.5090, 11.0881, -56.5744



73.9130, 21.7349, -64.8217

Triad

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



75.5090, 11.0881, -56.5744



95.0560, 15.2554, 6.9669



92.1050, -19.2788, 23.5869

Complementary

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



75.5090, 11.0881, -56.5744



39.4910, -11.0881, 56.5744

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.



93.1800, -12.9067, 33.1681



75.5090, 11.0881, -56.5744



95.2880, 6.7600, 25.1804

Square

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



75.5090, 11.0881, -56.5744



90.9110, 21.7359, -18.3389



94.7100, -3.3080, 34.4573



90.4900, -19.9616, 9.2173

Rectangle

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



75.5090, 11.0881, -56.5744



75.6730, 25.7972, -61.1032



94.7100, -3.3080, 34.4573



92.2950, -17.4004, 27.8053

Sweetspot

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



75.5090, 11.0881, -56.5744



124.0080, 4.4331, -21.9320



67.3850, -27.7978, -44.1876



62.1940, 2.3694, -13.3251



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



75.5090, 11.0881, -56.5744



93.6090, 15.9688, -82.0951



52.7130, 25.2845, -36.5823



49.5050, 0.7370, -3.0739



79.7030, 13.4574, -69.8995



167.9320, 29.1205, -147.2764

Inverse Universe

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



39.4910, -11.0881, 56.5744



41.3910, -15.9688, 82.0951



62.2870, -25.2845, 36.5823



47.4950, -0.7370, 3.0739



35.1830, -13.8942, 69.9995



74.1820, -28.6837, 147.1764

Previews

White Background



This preview shows how the YUV color 75.5090, 11.0881, -56.5744 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 75.5090, 11.0881, -56.5744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

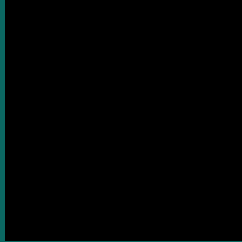
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

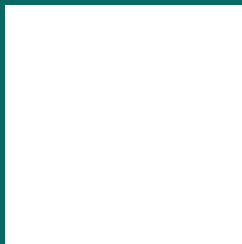
Any Text WCAG AAA × Fail

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

YUV 75.5090, 11.0881, -56.5744 Background



This preview shows how black text looks on a background with the YUV color 75.5090, 11.0881, -56.5744.

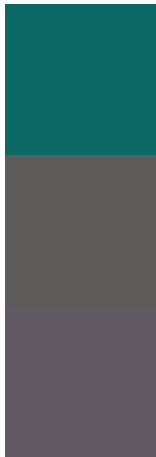


This preview shows how white text looks on a background with the YUV color 75.5090, 11.0881,

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

75.5090, 11.0881, -56.5744

Protanopia

92.4840, -0.7316, 1.3295

Deuteranopia

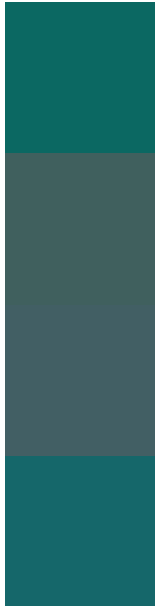
93.3470, 3.7729, 3.2037



Tritanopia

80.1880, 14.6973, -47.5229

Trichromacy



Original Color

75.5090, 11.0881, -56.5744

Protanomaly

86.2040, 3.8434, -19.4729

Deuteranomaly

86.8990, 6.4588, -18.3284

Tritanomaly

78.8240, 13.3978, -50.7116

Monochromacy



Original Color

75.5090, 11.0881, -56.5744

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.6060, 4.1382, -20.7025

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5090, 11.0881, -56.5744 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(11, 104, 98)` looks like.

```
.text, #text, p{  
    color:rgb(11, 104, 98)  
}
```

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(11, 104, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 104, 98) }
```

Border

The CSS property to change the border of an element to YUV 75.5090, 11.0881, -56.5744 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(11, 104, 98) }
```


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

```
.border{ border-color:rgb(11, 104, 98) }
```

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

Here you see how a box with a 4 pixel rgb(11, 104, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 104, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 104, 98);  
box-shadow:4px 4px 4px 4px rgb(11, 104,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 75.5090, 11.0881, -56.5744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 104, 98) }
```

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

```
.background{ background-color: rgb(11, 104,  
98) }
```

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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