

Converting Colors

YUV(91.4860, 12.5784,
-67.9552)

Have a look what the booklet for
YUV(91.4860, 12.5784, -67.9552)
contains.

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Color

**YUV(91.4860, 12.5784,
-67.9552)**

Conversions

Conversions Part 1

Format	Color
Hex	0E7E75
RGB	14, 126, 117
RGB Percent	5%, 49%, 46%
CMY	0.9451, 0.5059, 0.5412
CMYK	0.89, 0.00, 0.07, 0.51
HSL	175°, 80%, 27%
HSV	175°, 89%, 49%
XYZ	10.8528, 16.2994, 19.4037
YIQ	91.4860, -63.8630, -26.5430

Conversions

Conversions Part 2

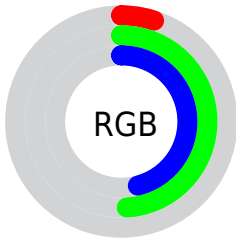
Format	Color
RYB	14, 72, 126
Decimal	949877
CIELab	47.36, -30.55, -3.30
CIELCh	47, 30.731, 186.161
Yxy	16.2994, 0.2331, 0.3501
Android (android.graphics.Color)	4279139957 (0xFF0E7E75)
YUV	91.4860, 12.5784, -67.9552
Hunter-Lab	40.3725, -22.6680, -0.2350

Details

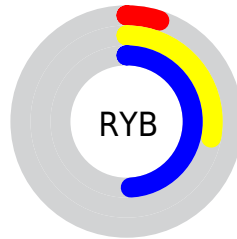
The YUV color **91.4860, 12.5784, -67.9552** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **48.5140, -12.5784, 67.9552**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4550, 9.6357, -57.4040**, and **52.4780, 8.1453, -46.0232** is the 20% darker color. If you saturate the color by 10%, you get **87.4850, 14.0579, -75.8473**, and if you desaturate by 10%, it is **95.4870, 11.0989, -60.0631**.

Distribution



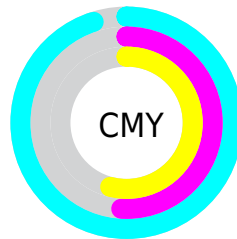
- Red (5%)
- Green (49%)
- Blue (46%)



- Red (5%)
- Yellow (28%)
- Blue (49%)



- Cyan (89%)
- Magenta (0%)
- Yellow (7%)
- Black (51%)



- Cyan (95%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.4860, 12.5784, -67.9552 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 91.4860, 12.5784, -67.9552 by changing the saturation by 10% instead.

91.4860, 12.5784,
-67.9552

91.4860, 12.5784,
-67.9552

255.0000, 0.0000,
0.0000

69.7750, 10.9569,
-61.1927

149.4550, 9.6357,
-57.4040

52.4780, 8.1453,
-46.0232

177.6400, 9.0515,
-56.6893

36.4690, 5.1918,
-31.9833

205.6400, 9.0515,
-56.6893

22.3350, 1.8068,
-19.5878

229.3570, 11.6560,
-52.0561

0.0000, 0.0000,
0.0000

238.2560, 8.2548,
-34.4275

246.9270, 3.9800,

-16.5990

■ 91.4860, 12.5784,
-67.9552

■ 91.4860, 12.5784,
-67.9552

■ 87.4850, 14.0579,
-75.8473

■ 95.4870, 11.0989,
-60.0631

■ 87.1860, 14.2053,
-76.4621

■ 99.1890, 9.7668,
-52.7858

■ 103.1900, 8.2873,
-44.8936

■ 106.8920, 6.9552,
-37.6163

■ 110.8930, 5.4758,
-29.7242

■ 114.8940, 3.9963,
-21.8320

■ 118.5960, 2.6642,
-14.5547

■ 122.5970, 1.1847,
-6.6626

■ 126.2990, -0.1474,
0.6148

Harmonies

Analogous

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



101.9990, -5.4225, -34.2021



91.4860, 12.5784, -67.9552



89.5630, 25.8514, -78.5468

Triad

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



91.4860, 12.5784, -67.9552



115.0820, 19.1866, 6.0671



112.1120, -23.2262, 29.7198

Complementary

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



91.4860, 12.5784, -67.9552



48.5140, -12.5784, 67.9552

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.



113.0670, -14.8230, 41.1602



91.4860, 12.5784, -67.9552



115.5920, 9.0751, 29.2988

Square

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



91.4860, 12.5784, -67.9552



109.5450, 26.8463, -24.1570



114.4550, -3.1823, 40.8200



110.2470, -24.7718, 12.0614

Rectangle

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



91.4860, 12.5784, -67.9552



89.2840, 32.3980, -78.3021



114.4550, -3.1823, 40.8200



112.7150, -21.0585, 34.4529

Sweetspot

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



91.4860, 12.5784, -67.9552



149.5020, 5.1755, -26.7503



82.4350, -33.7385, -52.1245



73.6990, 3.1064, -16.3990



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



91.4860, 12.5784, -67.9552



112.7810, 18.3490, -98.9089



64.9230, 30.1110, -44.6595



61.7930, 0.5951, -4.2035



88.4740, 14.0633, -77.5917



0.0000, 0.0000, 0.0000

Inverse Universe

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



48.5140, -12.5784, 67.9552



50.2190, -18.3490, 98.9089



75.0770, -30.1110, 44.6595



59.2070, -0.5951, 4.2035



39.4120, -14.5001, 77.6917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 91.4860, 12.5784, -67.9552 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 91.4860, 12.5784, -67.9552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

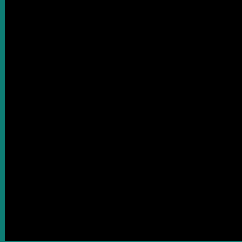
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.4860, 12.5784, -67.9552

Background



This preview shows how black text looks on a background with the YUV color 91.4860, 12.5784, -67.9552.



This preview shows how white text looks on a background with the YUV color 91.4860, 12.5784,

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

91.4860, 12.5784, -67.9552

Protanopia

111.9680, -1.4632, 2.6591

Deuteranopia

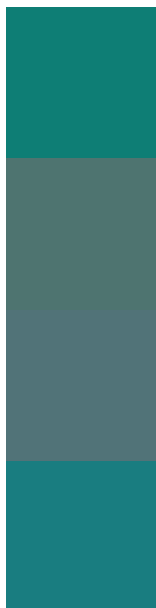
113.3580, 3.7675, 4.9480



Tritanopia

97.6320, 17.9294, -57.5593

Trichromacy



Original Color

91.4860, 12.5784, -67.9552

Protanomaly

104.1820, 3.8543, -22.9616

Deuteranomaly

105.4040, 7.1958, -21.4023

Tritanomaly

95.4420, 16.0511, -61.7776

Monochromacy



Original Color

91.4860, 12.5784, -67.9552

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2850, 4.2965, -24.8059

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4860, 12.5784, -67.9552 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(14, 126, 117)` looks like.

```
.text, #text, p{  
    color:rgb(14, 126, 117)  
}
```

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(14, 126, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 126, 117) }
```

Border

The CSS property to change the border of an element to YUV 91.4860, 12.5784, -67.9552 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(14, 126, 117) }
```


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

```
.border{ border-color:rgb(14, 126, 117) }
```

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

Here you see how a box with a 4 pixel rgb(14, 126, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 126, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 126, 117);  
box-shadow:4px 4px 4px 4px rgb(14, 126,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 91.4860, 12.5784, -67.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 126, 117) }
```

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

```
.background{ background-color: rgb(14, 126,  
117) }
```

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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