

Converting Colors

YUV(89.7740, -4.3256, -59.4378)

Have a look what the booklet for
YUV(89.7740, -4.3256, -59.4378)
contains.

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Color

**YUV(89.7740, -4.3256,
-59.4378)**

Conversions

Conversions Part 1

Format	Color
Hex	167E51
RGB	22, 126, 81
RGB Percent	9%, 49%, 32%
CMY	0.9137, 0.5059, 0.6824
CMYK	0.83, 0.00, 0.36, 0.51
HSL	154°, 70%, 29%
HSV	154°, 83%, 49%
XYZ	9.2769, 15.6864, 10.3234
YIQ	89.7740, -47.5390, -36.0430

Conversions

Conversions Part 2

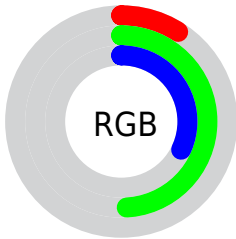
Format	Color
R _Y B	22, 88, 126
Decimal	1474129
CIE Lab	46.56, -39.45, 16.66
CIE LCh	47, 42.822, 157.097
Yxy	15.6864, 0.2629, 0.4445
Android (android.graphics.Color)	4279664209 (0xFF167E51)
YUV	89.7740, -4.3256, -59.4378
Hunter-Lab	39.6060, -27.5004, 12.2701

Details

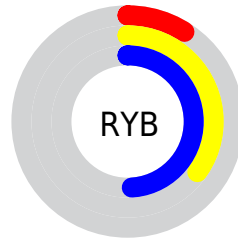
The YUV color **89.7740, -4.3256, -59.4378** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **58.2260, 4.3256, 59.4378**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0090, -7.3994, -53.5049**, and **48.7160, -6.2690, -42.7239** is the 20% darker color. If you saturate the color by 10%, you get **85.3170, -4.5933, -66.9300**, and if you desaturate by 10%, it is **94.2310, -4.0579, -51.9456**.

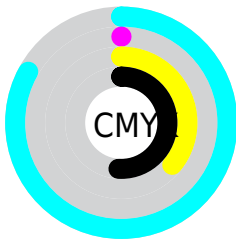
Distribution



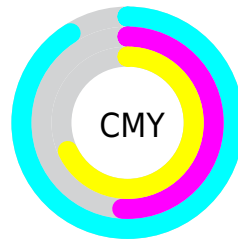
- Red (9%)
- Green (49%)
- Blue (32%)



- Red (9%)
- Yellow (35%)
- Blue (49%)



- Cyan (83%)
- Magenta (0%)
- Yellow (36%)
- Black (51%)



- Cyan (91%)
- Magenta (51%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7740, -4.3256, -59.4378 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 89.7740, -4.3256, -59.4378 by changing the saturation by 10% instead.

■ 89.7740, -4.3256,
-59.4378

■ 89.7740, -4.3256,
-59.4378

255.0000, 0.0000,
0.0000

■ 65.3120, -3.6048,
-57.2786

■ 146.0090, -7.3994,
-53.5049

■ 48.7160, -6.2690,
-42.7239

■ 173.1940, -7.9836,
-52.7901

■ 32.2340, -8.4964,
-28.2692

■ 201.6670, -8.7098,
-53.2050

■ 18.1970, -8.9711,
-15.9588

■ 224.2700, -6.5421,
-48.4718

■ 0.0000, 0.0000,
0.0000

■ 236.2470, 1.8502,
-33.5426

■ 246.6280, 4.1274,

-17.2138

■ 89.7740, -4.3256,
-59.4378

■ 89.7740, -4.3256,
-59.4378

■ 85.3170, -4.5933,
-66.9300

■ 94.2310, -4.0579,
-51.9456

■ 82.0560, -5.4506,
-71.9631

■ 98.5030, -3.2060,
-45.1681

■ 102.9600, -2.9383,
-37.6759

■ 107.2320, -2.0864,
-30.8985

■ 111.6890, -1.8187,
-23.4063

■ 116.2600, -1.1142,
-16.0140

■ 120.4180, -0.6991,
-9.1366

■ 124.9890, 0.0054,
-1.7444

■ 129.1470, 0.4205,
5.1331

Harmonies

Analogous

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



101.8430, -25.5586, -15.6483



89.7740, -4.3256, -59.4378



88.5880, 14.5001, -77.6917

Triad

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



89.7740, -4.3256, -59.4378



102.9480, 38.9726, -40.2964



109.1890, -19.8132, 55.0852

Complementary

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



89.7740, -4.3256, -59.4378



58.2260, 4.3256, 59.4378

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.



110.1520, -3.5259, 57.7487



89.7740, -4.3256, -59.4378



113.1670, 27.0327, 9.5005

Square

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



89.7740, -4.3256, -59.4378



91.6780, 41.5707, -80.4016



113.2930, 12.6736, 41.8390



107.8760, -31.9839, 38.6967

Rectangle

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



89.7740, -4.3256, -59.4378



91.3240, 24.9833, -80.0911



113.2930, 12.6736, 41.8390



109.5790, -14.5824, 57.3742

Sweetspot

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



89.7740, -4.3256, -59.4378



148.8030, -1.3819, -23.5062



96.5030, -36.7300, -25.8741



73.2710, -1.1196, -14.2697



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.



89.7740, -4.3256, -59.4378



106.8810, -6.8433, -91.9806



90.7950, 17.3561, -60.3332



61.5650, -0.2785, -4.0035



83.3440, -5.5926, -73.0927



0.0000, 0.0000, 0.0000

Inverse Universe

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



58.2260, 4.3256, 59.4378



58.1190, 6.8433, 91.9806



57.2050, -17.3561, 60.3332



59.4350, 0.2785, 4.0035



44.5420, 5.1558, 73.1927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.7740, -4.3256, -59.4378 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 89.7740, -4.3256, -59.4378 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 89.7740, -4.3256, -59.4378

Background



This preview shows how black text looks on a background with the YUV color 89.7740, -4.3256, -59.4378.



This preview shows how white text looks on a background with the YUV color 89.7740, -4.3256,

-59.4378.

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

89.7740, -4.3256, -59.4378

Protanopia

108.5870, -17.0514, 9.1322

Deuteranopia

109.7110, -11.6895, 16.0395



Tritanopia

99.6120, 14.9813, -45.2637

Trichromacy



Original Color

89.7740, -4.3256, -59.4378

Protanomaly

101.9860, -12.3181, -15.7737

Deuteranomaly

102.5180, -9.1294, -11.8553

Tritanomaly

96.0430, 7.8668, -50.0267

Monochromacy



Original Color

89.7740, -4.3256, -59.4378

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8140, -1.3873, -21.7619

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7740, -4.3256, -59.4378 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(22, 126, 81)` looks like.

```
.text, #text, p{  
    color:rgb(22, 126, 81)  
}
```

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(22, 126, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 126, 81) }
```

Border

The CSS property to change the border of an element to YUV 89.7740, -4.3256, -59.4378 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(22, 126, 81) }
```


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

```
.border{ border-color:rgb(22, 126, 81) }
```

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

Here you see how a box with a 4 pixel rgb(22, 126, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 126, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 126, 81);  
box-shadow:4px 4px 4px 4px rgb(22, 126,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 89.7740, -4.3256, -59.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 126, 81) }
```

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

```
.background{ background-color: rgb(22, 126,  
81) }
```

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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