

Converting Colors

YIQ(146.7240, 71.6590, 17.4110)

Have a look what the booklet for
YIQ(146.7240, 71.6590, 17.4110)
contains.

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Color

**YIQ(146.7240, 71.6590,
17.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	E27461
RGB	226, 116, 97
RGB Percent	89%, 45%, 38%
CMY	0.1135, 0.5453, 0.6193
CMYK	0.00, 0.49, 0.57, 0.11
HSL	9°, 69%, 63%
HSV	9°, 57%, 89%
XYZ	39.7853, 29.5237, 14.9296
YIQ	146.7240, 71.6590, 17.4110

Conversions

Conversions Part 2

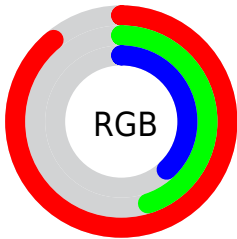
Format	Color
RYB	226, 119, 97
Decimal	14840929
CIELab	61.24, 41.09, 30.04
CIELCh	61, 50.899, 36.174
Yxy	29.5237, 0.4723, 0.3505
Android (android.graphics.Color)	4293031009 (0xFFE27461)
YUV	146.7240, -24.5139, 69.5251
Hunter-Lab	54.3357, 35.6126, 21.7441

Details

The YIQ color **146.7240, 71.6590, 17.4110** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **176.2760, -71.6590, -17.4110**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9070, 57.7220, 11.1780**, and **92.9020, 65.2860, 17.2700** is the 20% darker color. If you saturate the color by 10%, you get **132.9490, 84.2670, 20.1950**, and if you desaturate by 10%, it is **160.4990, 59.0510, 14.6270**.

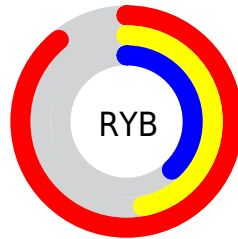
Distribution



Red (89%)

Green (45%)

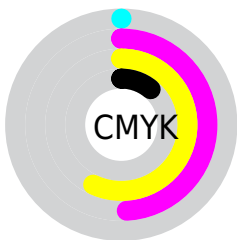
Blue (38%)



Red (89%)

Yellow (47%)

Blue (38%)

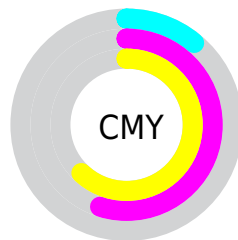


Cyan (0%)

Magenta (49%)

Yellow (57%)

Black (11%)



Cyan (11%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.7240, 71.6590, 17.4110 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 YIQ color 146.7240, 71.6590, 17.4110 by changing the saturation by 10% instead.


 146.7240, 71.6590,
17.4110


 146.7240, 71.6590,
17.4110


255.0000, -0.0000,
-0.0000


 119.7560, 68.6330,
17.1850


 192.9070, 57.7220,
11.1780


 92.9020, 65.2860,
17.2700


 212.4210, 41.3550,
4.9310


 66.2760, 61.2970,
17.9770

 231.9350, 24.9880,
-1.3160

 36.3840, 61.1130,
21.3130

 252.1500, 8.0250,
-7.7750

 23.6210, 47.0840,
16.7480

 15.9610, 31.2670,
11.5470

 2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,
0.0000

■ 146.7240, 71.6590,
17.4110

■ 146.7240, 71.6590,
17.4110

■ 132.9490, 84.2670,
20.1950

■ 160.4990, 59.0510,
14.6270

■ 118.7010, 96.8290,
23.8130

■ 174.7470, 46.4890,
11.0090

■ 104.9260,
109.4370, 26.5970

■ 188.5220, 33.8810,
8.2250

■ 91.2650, 121.7240,
29.6920

■ 202.2970, 21.2730,
5.4410

■ 86.9450, 125.6210,
30.6530

■ 215.9580, 8.9860,
2.3460

■ 230.3200, -3.8970,
-0.9610

■ 243.9810,
-16.1840, -4.0560

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



148.1260, 62.4400, 35.8160



146.7240, 71.6590, 17.4110



145.1780, 63.5480, -6.3080

Triad

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



146.7240, 71.6590, 17.4110



124.6220, -53.2230, -43.1670



138.9880, -69.6470, 12.2170

Complementary

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



146.7240, 71.6590, 17.4110



176.2760, -71.6590, -17.4110

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.



121.3140, -118.3800, -13.1960



146.7240, 71.6590, 17.4110



117.5740, -96.8260, -40.3940

Square

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



146.7240, 71.6590, 17.4110



136.9970, 2.9410, -36.7950



122.0030, -110.6750, -26.1870



151.4150, -10.0930, 34.2510

Rectangle

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



146.7240, 71.6590, 17.4110



143.3190, 49.4290, -20.2590



122.0030, -110.6750, -26.1870



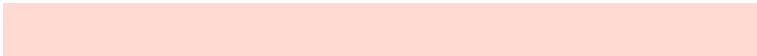
122.4990, -108.2950, -3.2310

Sweetspot

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



146.7240, 71.6590, 17.4110



228.3790, 23.9780, 5.9780



148.3390, 40.9320, 62.1800



112.1220, 14.3960, 3.4200



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



146.7240, 71.6590, 17.4110



148.4020, 96.2330, 23.6010



183.7050, 54.3340, -15.5380



105.4630, 6.0060, 1.2860



67.8860, 97.7460, 23.7140



18.4610, 26.6830, 6.5150

Inverse Universe

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



176.2760, -71.6590, -17.4110



188.5980, -96.2330, -23.6010



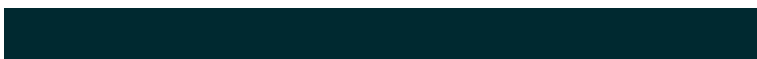
139.2950, -54.3340, 15.5380



108.1240, -6.2810, -1.8090



108.1140, -97.7460, -23.7140



29.5390, -26.6830, -6.5150

Previews

White Background



This preview shows how the YIQ color 146.7240, 71.6590, 17.4110 looks on a white background.

Color Contrast Check

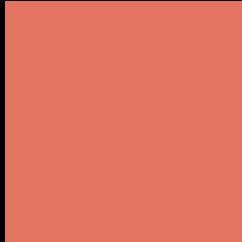
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 146.7240, 71.6590, 17.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

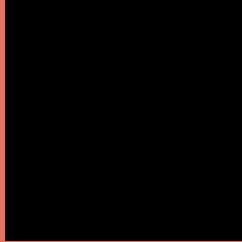
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.7240, 71.6590, 17.4110

Background



This preview shows how black text looks on a background with the YIQ color 146.7240, 71.6590, 17.4110.



This preview shows how white text looks on a background with the YIQ color 146.7240, 71.6590,

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

146.7240, 71.6590, 17.4110

Protanopia

146.9570, 18.7540, -9.4860

Deuteranopia

147.3630, 38.1020, -7.7060



Tritanopia

148.2970, 65.9720, 26.8680

Trichromacy



Original Color

146.7240, 71.6590, 17.4110

Protanomaly

146.5190, 37.9630, 0.3230

Deuteranomaly

147.3910, 50.0670, 1.2270

Tritanomaly

147.5590, 67.9900, 23.3340

Monochromacy



Original Color

146.7240, 71.6590, 17.4110

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.1620, 26.0870, 6.3030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.7240, 71.6590, 17.4110 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(226, 116, 97)` looks like.

```
.text, #text, p{  
    color:rgb(226, 116, 97)  
}
```

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(226, 116, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 116, 97) }
```

Border

The CSS property to change the border of an element to YIQ 146.7240, 71.6590, 17.4110 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(226, 116, 97) }
```


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

```
.border{ border-color:rgb(226, 116, 97) }
```

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

Here you see how a box with a 4 pixel rgb(226, 116, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 116, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 116, 97);  
box-shadow:4px 4px 4px 4px rgb(226, 116,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 146.7240, 71.6590, 17.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 116, 97) }
```

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

```
.background{ background-color: rgb(226,  
116, 97) }
```

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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