

Converting Colors

YIQ(144.5670, 73.5390, 16.3790)

Have a look what the booklet for
YIQ(144.5670, 73.5390, 16.3790)
contains.

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Color

**YIQ(144.5670, 73.5390,
16.3790)**

Conversions

Conversions Part 1

Format	Color
Hex	E1725B
RGB	225, 114, 91
RGB Percent	88%, 45%, 36%
CMY	0.1174, 0.5531, 0.6428
CMYK	0.00, 0.49, 0.60, 0.12
HSL	10°, 69%, 62%
HSV	10°, 60%, 88%
XYZ	38.9750, 28.7986, 13.4199
YIQ	144.5670, 73.5390, 16.3790

Conversions

Conversions Part 2

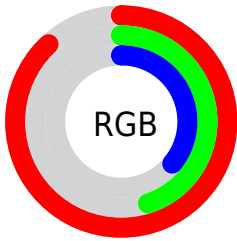
Format	Color
R _Y B	225, 119, 91
Decimal	14774875
CIE Lab	60.60, 41.28, 32.54
CIE LCh	61, 52.565, 38.252
Yxy	28.7986, 0.4800, 0.3547
Android (android.graphics.Color)	4292964955 (0xFFE1725B)
YUV	144.5670, -26.4085, 70.5397
Hunter-Lab	53.6643, 35.7274, 22.7383

Details

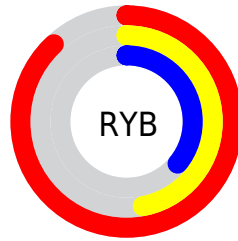
The YIQ color **144.5670, 73.5390, 16.3790** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **171.4330, -73.5390, -16.3790**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **191.0490, 60.1980, 10.3580**, and **90.7450, 67.1660, 16.2380** is the 20% darker color. If you saturate the color by 10%, you get **130.9060, 85.8260, 19.4740**, and if you desaturate by 10%, it is **158.3420, 60.9310, 13.5950**.

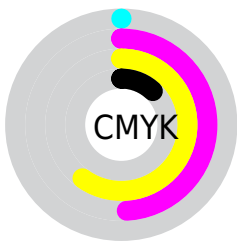
Distribution



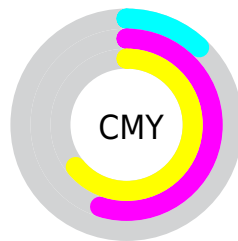
- Red (88%)
- Green (45%)
- Blue (36%)



- Red (88%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (49%)
- Yellow (60%)
- Black (12%)



- Cyan (12%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.5670, 73.5390, 16.3790 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 144.5670, 73.5390, 16.3790 by changing the saturation by 10% instead.

144.5670, 73.5390,
16.3790

144.5670, 73.5390,
16.3790

255.0000, -0.0000,
-0.0000

117.5990, 70.5130,
16.1530

191.0490, 60.1980,
10.3580

90.8590, 66.8450,
16.5490

210.4490, 44.1520,
3.8000

64.1190, 63.1770,
16.9450

230.0770, 27.4640,
-2.1360

33.4550, 62.3510,
20.9030

250.2920, 10.5010,
-8.5950

23.0230, 45.8920,
16.3240

254.6580, 0.9630,
-0.9330

15.7760, 30.3500,
11.6460

0.5980, 1.1920,

0.4240

■ 0.0000, 0.0000,
0.0000

■ 144.5670, 73.5390,
16.3790

■ 144.5670, 73.5390,
16.3790

■ 130.9060, 85.8260,
19.4740

■ 158.3420, 60.9310,
13.5950

■ 117.7180, 98.1590,
21.7350

■ 171.4160, 48.9190,
11.0230

■ 104.0570,
110.4460, 24.8300

■ 185.1910, 36.3110,
8.2390

■ 90.2820, 123.0540,
27.6140

■ 198.8520, 24.0240,
5.1440

■ 89.5810, 123.6500,
27.8260

■ 212.0400, 11.6910,
2.8830

■ 225.7010, -0.5960,
-0.2120

■ 239.4760,
-13.2040, -2.9960

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



145.5070, 65.7410, 36.5650



144.5670, 73.5390, 16.3790



143.0100, 63.9610, -8.2870

Triad

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



144.5670, 73.5390, 16.3790



117.7450, -66.9310, -48.0430



137.6400, -68.5470, 14.3090

Complementary

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



144.5670, 73.5390, 16.3790



171.4330, -73.5390, -16.3790

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.



120.3680, -118.4720, -11.5280



144.5670, 73.5390, 16.3790



117.2150, -97.1930, -39.2490

Square

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



144.5670, 73.5390, 16.3790



134.6760, -0.5890, -38.9010



121.0570, -110.7670, -24.5190



150.3230, -6.8380, 35.8340

Rectangle

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



144.5670, 73.5390, 16.3790



141.4390, 48.9710, -22.9730



121.0570, -110.7670, -24.5190



120.6560, -110.1750, -2.1990

Sweetspot

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



144.5670, 73.5390, 16.3790



227.4500, 25.2160, 5.5680



143.8340, 43.9120, 63.2400



110.6060, 15.9090, 3.5330



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.



144.5670, 73.5390, 16.3790



146.3160, 99.3510, 22.1590



183.3090, 55.3890, -18.1390



105.4630, 6.0060, 1.2860



70.2340, 96.6460, 21.6220



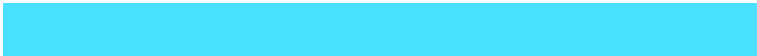
19.0480, 26.4080, 5.9920

Inverse Universe

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



171.4330, -73.5390, -16.3790



182.6840, -99.3510, -22.1590



132.6910, -55.3890, 18.1390



107.5370, -6.0060, -1.2860



105.7660, -96.6460, -21.6220



28.9520, -26.4080, -5.9920

Previews

White Background



This preview shows how the YIQ color 144.5670, 73.5390, 16.3790 looks on a white background.

Color Contrast Check

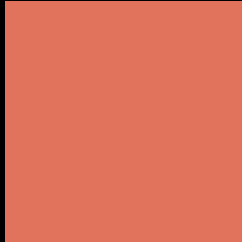
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.5670, 73.5390, 16.3790 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 144.5670, 73.5390, 16.3790

Background



This preview shows how black text looks on a background with the YIQ color 144.5670, 73.5390, 16.3790.



This preview shows how white text looks on a background with the YIQ color 144.5670, 73.5390,

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

144.5670, 73.5390, 16.3790

Protanopia

145.3870, 20.3590, -11.0410

Deuteranopia

145.2060, 39.9820, -8.7380



Tritanopia

145.8950, 67.1640, 27.2920

Trichromacy



Original Color

144.5670, 73.5390, 16.3790

Protanomaly

144.9490, 39.5680, -1.2320

Deuteranomaly

145.2340, 51.9470, 0.1950

Tritanomaly

145.0430, 69.5030, 23.4470

Monochromacy



Original Color

144.5670, 73.5390, 16.3790

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.9340, 26.7290, 5.6810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.5670, 73.5390, 16.3790 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(225, 114, 91)` looks like.

```
.text, #text, p{  
    color:rgb(225, 114, 91)  
}
```

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(225, 114, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 114, 91) }
```

Border

The CSS property to change the border of an element to YIQ 144.5670, 73.5390, 16.3790 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(225, 114, 91) }
```


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

```
.border{ border-color:rgb(225, 114, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 114, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 114, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 114, 91);  
box-shadow:4px 4px 4px 4px rgb(225, 114,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 144.5670, 73.5390, 16.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 114, 91) }
```

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

```
.background{ background-color: rgb(225,  
114, 91) }
```

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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