

Converting Colors

YIQ(139.5670, 73.5390, 16.3790)

Have a look what the booklet for
YIQ(139.5670, 73.5390, 16.3790)
contains.

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Color

**YIQ(139.5670, 73.5390,
16.3790)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6D56
RGB	220, 109, 86
RGB Percent	86%, 43%, 34%
CMY	0.1370, 0.5727, 0.6624
CMYK	0.00, 0.50, 0.61, 0.14
HSL	10°, 66%, 60%
HSV	10°, 61%, 86%
XYZ	36.6810, 26.8261, 12.0654
YIQ	139.5670, 73.5390, 16.3790

Conversions

Conversions Part 2

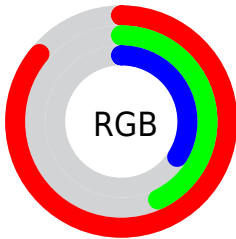
Format	Color
R_{YB}	220, 114, 86
Decimal	14445910
CIE _{Lab}	58.81, 41.56, 32.92
CIE _{LCh}	59, 53.022, 38.386
Yxy	26.8261, 0.4854, 0.3550
Android (android.graphics.Color)	4292635990 (0xFFDC6D56)
YUV	139.5670, -26.4085, 70.5397
Hunter-Lab	51.7939, 35.7765, 22.4441

Details

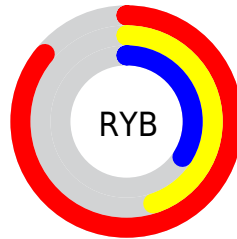
The YIQ color **139.5670, 73.5390, 16.3790** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **166.4330, -73.5390, -16.3790**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4300, 63.4990, 11.1070**, and **85.8590, 66.8450, 16.5490** is the 20% darker color. If you saturate the color by 10%, you get **126.4930, 85.5510, 18.9510**, and if you desaturate by 10%, it is **152.6410, 61.5270, 13.8070**.

Distribution



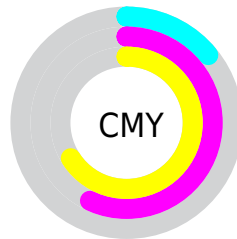
- Red (86%)
- Green (43%)
- Blue (34%)



- Red (86%)
- Yellow (45%)
- Blue (34%)



- Cyan (0%)
- Magenta (50%)
- Yellow (61%)
- Black (14%)





- Cyan (14%)
- Magenta (57%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.5670, 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 139.5670, 73.5390, 16.3790 by changing the saturation by 10% instead.


 139.5670, 73.5390,
16.3790


 139.5670, 73.5390,
16.3790


255.0000, -0.0000,
-0.0000


 112.5990, 70.5130,
16.1530


 187.4300, 63.4990,
11.1070


 85.8590, 66.8450,
16.5490


 206.3570, 47.4070,
5.3830

 59.1190, 63.1770,
16.9450


 226.4580, 30.7650,
-1.3870

 30.4980, 60.7920,
21.6240

 246.6730, 13.8020,
-7.8460

 21.5280, 42.9120,
15.2640

 253.9740, 2.8890,
-2.7990

 14.2810, 27.3700,
10.5860

 0.0000, 0.0000,

0.0000

■ 139.5670, 73.5390,
16.3790

■ 139.5670, 73.5390,
16.3790

■ 126.4930, 85.5510,
18.9510

■ 152.6410, 61.5270,
13.8070

■ 112.8320, 97.8380,
22.0460

■ 165.7150, 49.5150,
11.2350

■ 99.7580, 109.8500,
24.6180

■ 179.3760, 37.2280,
8.1400

■ 88.0860, 120.6700,
26.7660

■ 192.4500, 25.2160,
5.5680

■ 205.5240, 13.2040,
2.9960

■ 218.5980, 1.1920,
0.4240

■ 232.2590,
-11.0950, -2.6710

■ 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



140.8060, 66.3370, 36.7770



139.5670, 73.5390, 16.3790



138.5970, 63.6860, -8.8100

Triad

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



139.5670, 73.5390, 16.3790



107.9610, -76.4670, -51.4350



132.4550, -69.4640, 14.4080

Complementary

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



139.5670, 73.5390, 16.3790



166.4330, -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.



117.5640, -116.0880, -10.6800



139.5670, 73.5390, 16.3790



113.8240, -94.5340, -37.8780

Square

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



139.5670, 73.5390, 16.3790



129.6760, -0.5890, -38.9010



118.2530, -108.3830, -23.6710



145.4370, -7.1590, 36.1450

Rectangle

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



139.5670, 73.5390, 16.3790



136.3250, 49.2920, -23.2840



118.2530, -108.3830, -23.6710



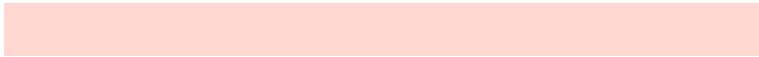
112.9650, -115.5390, -4.1070

Sweetspot

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



139.5670, 73.5390, 16.3790



227.4500, 25.2160, 5.5680



138.8340, 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.



139.5670, 73.5390, 16.3790



143.3980, 102.0560, 22.6960



178.3090, 55.3890, -18.1390



103.4630, 6.0060, 1.2860



69.3370, 94.8580, 20.9860



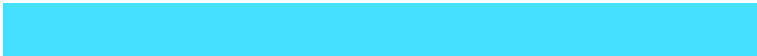
18.4500, 25.2160, 5.5680

Inverse Universe

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



166.4330, -73.5390, -16.3790



180.6020, -102.0560, -22.6960



127.6910, -55.3890, 18.1390



105.5370, -6.0060, -1.2860



104.2500, -95.1330, -21.5090



27.5500, -25.2160, -5.5680

Previews

White Background



This preview shows how the YIQ color 139.5670, 73.5390, 16.3790 looks on a white background.

Color Contrast Check

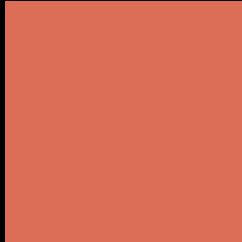
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.5670, 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 139.5670, 73.5390, 16.3790

Background



This preview shows how black text looks on a background with the YIQ color 139.5670, 73.5390, 16.3790.



This preview shows how white text looks on a background with the YIQ color 139.5670, 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

139.5670, 73.5390, 16.3790

Protanopia

140.3870, 20.3590, -11.0410

Deuteranopia

140.2060, 39.9820, -8.7380



Tritanopia

140.8950, 67.1640, 27.2920

Trichromacy



Original Color

139.5670, 73.5390, 16.3790

Protanomaly

139.9490, 39.5680, -1.2320

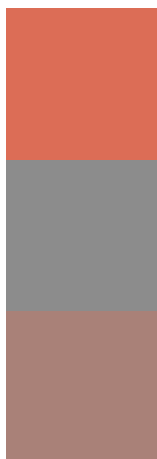
Deuteranomaly

140.2340, 51.9470, 0.1950

Tritanomaly

140.0430, 69.5030, 23.4470

Monochromacy



Original Color

139.5670, 73.5390, 16.3790

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9340, 26.7290, 5.6810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.5670, 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(220, 109, 86)` looks like.

```
.text, #text, p{  
    color:rgb(220, 109, 86)  
}
```

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(220, 109, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 109, 86) }
```

Border

The CSS property to change the border of an element to YIQ 139.5670, 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(220, 109, 86) }
```


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

```
.border{ border-color:rgb(220, 109, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 109, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 109, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 109, 86);  
box-shadow:4px 4px 4px 4px rgb(220, 109,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 139.5670, 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(220, 109, 86) }
```

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

```
.background{ background-color: rgb(220,  
109, 86) }
```

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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