

Converting Colors

YIQ(139.1630, 59.8770, 10.6690)

Have a look what the booklet for
YIQ(139.1630, 59.8770, 10.6690)
contains.

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Color

**YIQ(139.1630, 59.8770,
10.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	CB745B
RGB	203, 116, 91
RGB Percent	80%, 45%, 36%
CMY	0.2037, 0.5452, 0.6429
CMYK	0.00, 0.43, 0.55, 0.20
HSL	13°, 52%, 58%
HSV	13°, 55%, 80%
XYZ	32.7742, 25.9422, 13.1923
YIQ	139.1630, 59.8770, 10.6690

Conversions

Conversions Part 2

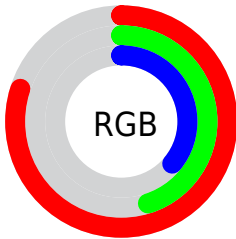
Format	Color
R_{YB}	203, 123, 91
Decimal	13333595
CIE _{Lab}	57.98, 31.73, 28.59
CIE _{LCh}	58, 42.710, 42.020
Yxy	25.9422, 0.4558, 0.3608
Android (android.graphics.Color)	4291523675 (0xFFCB745B)
YUV	139.1630, -23.7444, 55.9850
Hunter-Lab	50.9335, 25.7261, 20.2967

Details

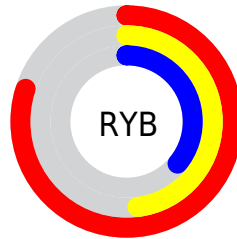
The YIQ color **139.1630, 59.8770, 10.6690** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **154.8370, -59.8770, -10.6690**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.5220, 60.2440, 9.5240**, and **87.2270, 53.8250, 10.2170** is the 20% darker color. If you saturate the color by 10%, you get **127.4910, 70.6970, 12.8170**, and if you desaturate by 10%, it is **150.8350, 49.0570, 8.5210**.

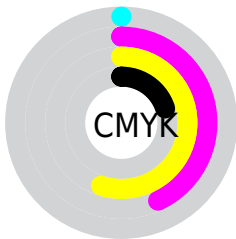
Distribution



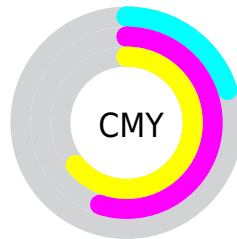
- Red (80%)
- Green (45%)
- Blue (36%)



- Red (80%)
- Yellow (48%)
- Blue (36%)



- Cyan (0%)
- Magenta (43%)
- Yellow (55%)
- Black (20%)





- Cyan (20%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.1630, 59.8770, 10.6690 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 139.1630, 59.8770, 10.6690 by changing the saturation by 10% instead.


 139.1630, 59.8770,
10.6690


 139.1630, 59.8770,
10.6690


255.0000, -0.0000,
-0.0000


 113.0810, 57.1720,
10.1320


 191.6360, 59.9230,
9.8350


 87.2270, 53.8250,
10.2170


 211.0360, 43.8770,
3.2770

 61.9600, 50.2030,
9.7790


 230.5500, 27.5100,
-2.9700

 36.5900, 48.3690,
9.9770

 250.7650, 10.5470,
-9.4290

 18.2390, 36.3560,
12.9320

254.6580, 0.9630,
-0.9330

 11.1770, 21.7310,
8.1550

 0.0000, 0.0000,

0.0000

■ 139.1630, 59.8770,
10.6690

■ 139.1630, 59.8770,
10.6690

■ 127.4910, 70.6970,
12.8170

■ 150.8350, 49.0570,
8.5210

■ 115.7050, 81.8380,
14.6540

■ 162.6210, 37.9160,
6.6840

■ 104.6200, 92.3830,
16.2790

■ 173.7060, 27.3710,
5.0590

■ 92.9480, 103.2030,
18.4270

■ 185.3780, 16.5510,
2.9110

■ 87.1120, 108.6130,
19.5010

■ 197.1640, 5.4100,
1.0740

■ 208.8360, -5.4100,
-1.0740

■ 219.9210,
-15.9550, -2.6990

■ 231.7070,
-27.0960, -4.5360

■ 239.4520,
-30.9920, -11.0240

Harmonies

Analogous

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



140.5500, 55.0140, 27.2220



139.1630, 59.8770, 10.6690



137.2950, 49.9770, -8.1590

Triad

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



139.1630, 59.8770, 10.6690



119.9200, -50.8860, -35.9580



136.2700, -44.0180, 15.8060

Complementary

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



139.1630, 59.8770, 10.6690



154.8370, -59.8770, -10.6690

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.



111.9900, -108.6600, -13.1400



139.1630, 59.8770, 10.6690



110.3020, -92.8840, -34.7400

Square

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



139.1630, 59.8770, 10.6690



129.6790, -4.6710, -30.9990



113.0040, -103.2480, -23.1200



143.4560, -0.1430, 30.1370

Rectangle

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



139.1630, 59.8770, 10.6690



135.6150, 36.9120, -19.1840



113.0040, -103.2480, -23.1200



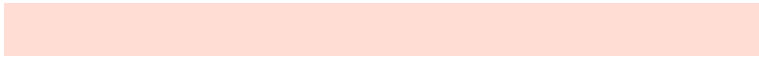
131.0720, -61.2560, 8.8240

Sweetspot

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



139.1630, 59.8770, 10.6690



230.1400, 23.1530, 4.4090



134.5200, 38.5040, 51.1120



113.2960, 13.8460, 2.3740



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.



139.1630, 59.8770, 10.6690



158.9510, 89.9530, 16.2650



171.4480, 44.7520, -18.0960



96.1640, 5.4100, 1.0740



71.3530, 88.7610, 15.8410



16.6450, 20.1730, 3.3490

Inverse Universe

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



154.8370, -59.8770, -10.6690



183.0490, -89.9530, -16.2650



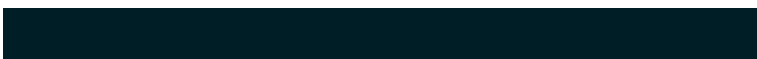
122.5520, -44.7520, 18.0960



97.8360, -5.4100, -1.0740



94.6470, -88.7610, -15.8410



21.9420, -20.4480, -3.8720

Previews

White Background



This preview shows how the YIQ color 139.1630, 59.8770, 10.6690 looks on a white background.

Color Contrast Check

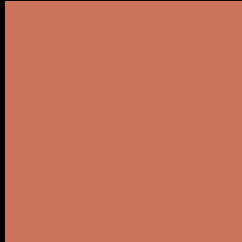
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.1630, 59.8770, 10.6690 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 139.1630, 59.8770, 10.6690

Background



This preview shows how black text looks on a background with the YIQ color 139.1630, 59.8770, 10.6690.



This preview shows how white text looks on a background with the YIQ color 139.1630, 59.8770,

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

139.1630, 59.8770, 10.6690

Protanopia

138.5440, 18.4790, -10.0090

Deuteranopia

139.2210, 35.6260, -6.8860



Tritanopia

140.7190, 52.8600, 22.2040

Trichromacy



Original Color

139.1630, 59.8770, 10.6690

Protanomaly

138.4860, 33.5620, -2.5180

Deuteranomaly

138.8140, 44.3820, -0.3700

Tritanomaly

139.7530, 55.5200, 18.0480

Monochromacy



Original Color

139.1630, 59.8770, 10.6690

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.2430, 21.3650, 3.7730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.1630, 59.8770, 10.6690 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(203, 116, 91)` looks like.

```
.text, #text, p{  
    color:rgb(203, 116, 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(203, 116, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 116, 91) }
```

Border

The CSS property to change the border of an element to YIQ 139.1630, 59.8770, 10.6690 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(203, 116, 91) }
```


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

```
.border{ border-color:rgb(203, 116, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 116, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 116, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 116, 91);  
box-shadow:4px 4px 4px 4px rgb(203, 116,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 139.1630, 59.8770, 10.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 116, 91) }
```

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

```
.background{ background-color: rgb(203,  
116, 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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