

Converting Colors

YIQ(119.1730, 53.9170, 8.5490)

Have a look what the booklet for
YIQ(119.1730, 53.9170, 8.5490)
contains.

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Color

**YIQ(119.1730, 53.9170,
8.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	B0634A
RGB	176, 99, 74
RGB Percent	69%, 39%, 29%
CMY	0.3096, 0.6119, 0.7096
CMYK	0.00, 0.44, 0.58, 0.31
HSL	15°, 41%, 49%
HSV	15°, 58%, 69%
XYZ	23.6110, 18.6478, 8.8440
YIQ	119.1730, 53.9170, 8.5490

Conversions

Conversions Part 2

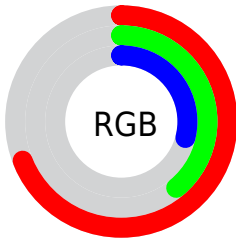
Format	Color
RYB	176, 107, 74
Decimal	11559754
CIELab	50.27, 28.65, 27.65
CIELCh	50, 39.818, 43.976
Yxy	18.6478, 0.4620, 0.3649
Android (android.graphics.Color)	4289749834 (0xFFB0634A)
YUV	119.1730, -22.2703, 49.8373
Hunter-Lab	43.1831, 22.0268, 18.0854

Details

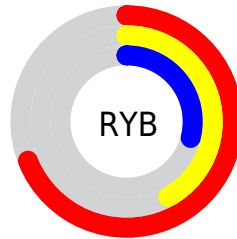
The YIQ color **119.1730, 53.9170, 8.5490** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **130.8270, -53.9170, -8.5490**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9240, 59.0520, 9.1000**, and **68.2370, 47.8650, 8.0970** is the 20% darker color. If you saturate the color by 10%, you get **109.4900, 63.2700, 9.7500**, and if you desaturate by 10%, it is **128.8560, 44.5640, 7.3480**.

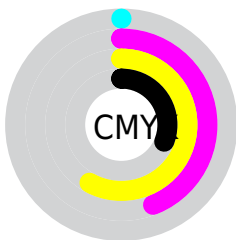
Distribution



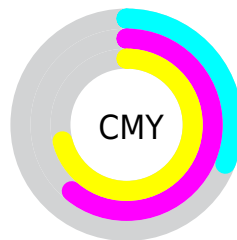
- Red (69%)
- Green (39%)
- Blue (29%)



- Red (69%)
- Yellow (42%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (58%)
- Black (31%)



- Cyan (31%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.1730, 53.9170, 8.5490 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 119.1730, 53.9170, 8.5490 by changing the saturation by 10% instead.

■ 119.1730, 53.9170,
8.5490

■ 119.1730, 53.9170,
8.5490

■ 255.0000, -0.0000,
-0.0000

■ 93.2050, 50.8910,
8.3230

■ 172.9240, 59.0520,
9.1000

■ 68.2370, 47.8650,
8.0970

■ 197.7170, 55.2010,
7.3050

■ 44.0410, 45.4810,
7.2490

■ 217.2310, 38.8340,
1.0580

■ 20.6090, 38.1900,
12.7340

■ 236.7450, 22.4670,
-5.1890

■ 12.6720, 24.7110,
9.2150

■ 252.3780, 7.3830,
-7.1530

■ 0.0000, 0.0000,
0.0000

■ 119.1730, 53.9170,
8.5490

■ 119.1730, 53.9170,
8.5490

■ 109.4900, 63.2700,
9.7500

■ 128.8560, 44.5640,
7.3480

■ 99.3340, 72.5770,
11.7850

■ 139.0120, 35.2570,
5.3130

■ 89.6510, 81.9300,
12.9860

■ 148.6950, 25.9040,
4.1120

■ 80.0820, 90.9620,
14.4980

■ 158.2640, 16.8720,
2.6000

■ 77.8650, 93.0710,
14.8230

■ 167.9470, 7.5190,
1.3990

■ 178.2170, -2.1090,
-0.3250

■ 187.7860,
-11.1410, -1.8370

■ 197.4690,

-20.4940, -3.0380

■ 207.6250,
-29.8010, -5.0730

Harmonies

Analogous

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



120.1040, 50.3380, 23.8580



119.1730, 53.9170, 8.5490



117.5440, 44.8420, -8.7100

Triad

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



119.1730, 53.9170, 8.5490



99.6040, -52.8120, -34.0920



117.5650, -37.5990, 15.1130

Complementary

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



119.1730, 53.9170, 8.5490



130.8270, -53.9170, -8.5490

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.



96.1120, -94.2640, -9.7200



119.1730, 53.9170, 8.5490



95.8090, -81.0100, -29.6660

Square

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



119.1730, 53.9170, 8.5490



110.4770, -6.9180, -28.8220



98.1690, -90.4110, -18.9790



123.0710, 2.3790, 28.4830

Rectangle

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



119.1730, 53.9170, 8.5490



115.8040, 32.0060, -18.3780



98.1690, -90.4110, -18.9790



112.9650, -53.6450, 8.5550

Sweetspot

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



119.1730, 53.9170, 8.5490



207.8300, 21.0900, 3.2500



113.3900, 35.7540, 45.8820



101.8120, 12.3330, 2.2610



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



119.1730, 53.9170, 8.5490



140.0320, 85.2310, 13.7350



148.5230, 40.1670, -17.6010



84.4520, 4.5390, 0.3390



67.4660, 81.0130, 13.0850



11.2960, 13.8460, 2.3740

Inverse Universe

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



130.8270, -53.9170, -8.5490



158.3810, -84.9560, -13.2120



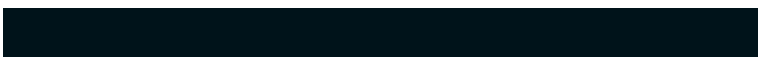
101.4770, -40.1670, 17.6010



85.1350, -4.8140, -0.8620



85.5340, -81.0130, -13.0850



14.1170, -13.5710, -1.8510

Previews

White Background



This preview shows how the YIQ color 119.1730, 53.9170, 8.5490 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 119.1730, 53.9170, 8.5490 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 119.1730, 53.9170, 8.5490

Background



This preview shows how black text looks on a background with the YIQ color 119.1730, 53.9170, 8.5490.



This preview shows how white text looks on a background with the YIQ color 119.1730, 53.9170,

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

119.1730, 53.9170, 8.5490

Protanopia

118.6580, 18.1580, -9.6980

Deuteranopia

119.2530, 32.6000, -7.1120



Tritanopia

120.6150, 47.2210, 19.7730

Trichromacy



Original Color

119.1730, 53.9170, 8.5490

Protanomaly

118.7030, 31.4530, -2.8430

Deuteranomaly

119.1340, 40.4850, -1.3310

Tritanomaly

119.7630, 49.5600, 15.9280

Monochromacy



Original Color

119.1730, 53.9170, 8.5490

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.3460, 19.5770, 3.1370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.1730, 53.9170, 8.5490 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(176, 99, 74)` looks like.

```
.text, #text, p{  
    color:rgb(176, 99, 74)  
}
```

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(176, 99, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 99, 74) }
```

Border

The CSS property to change the border of an element to YIQ 119.1730, 53.9170, 8.5490 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(176, 99, 74) }
```


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

```
.border{ border-color:rgb(176, 99, 74) }
```

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

Here you see how a box with a 4 pixel rgb(176, 99, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 99, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 99, 74);  
box-shadow:4px 4px 4px 4px rgb(176, 99,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 119.1730, 53.9170, 8.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 99, 74) }
```

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

```
.background{ background-color: rgb(176, 99,  
74) }
```

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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