

Converting Colors

YIQ(89.1790, 89.3110, 16.8870)

Have a look what the booklet for
YIQ(89.1790, 89.3110, 16.8870)
contains.

YIQ(89.1790, 89.3110, 16.8870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YIQ(89.1790, 89.3110,
16.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	B93613
RGB	185, 54, 19
RGB Percent	73%, 21%, 7%
CMY	0.2742, 0.7884, 0.9251
CMYK	0.00, 0.71, 0.90, 0.27
HSL	13°, 81%, 40%
HSV	13°, 90%, 73%
XYZ	21.4604, 13.0040, 1.9994
YIQ	89.1790, 89.3110, 16.8870

Conversions

Conversions Part 2

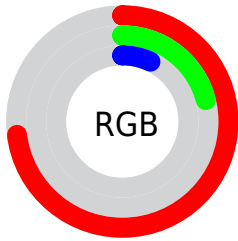
Format	Color
R_{YB}	185, 63, 19
Decimal	12138003
CIE Lab	42.77, 51.15, 48.56
CIE LCh	43, 70.529, 43.514
Yxy	13.0040, 0.5885, 0.3566
Android (android.graphics.Color)	4290328083 (0xFFB93613)
YUV	89.1790, -34.5982, 84.0350
Hunter-Lab	36.0611, 43.1206, 21.9555

Details

The YIQ color **89.1790, 89.3110, 16.8870** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **114.8210, -89.3110, -16.8870**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.7730, 96.3260, 16.4060**, and **36.7770, 73.3080, 26.0760** is the 20% darker color. If you saturate the color by 10%, you get **78.3220, 99.2140, 19.1340**, and if you desaturate by 10%, it is **100.1500, 79.0870, 14.9510**.

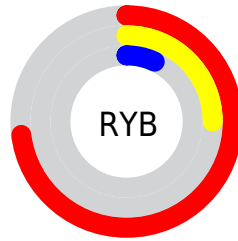
Distribution



Red (73%)

Green (21%)

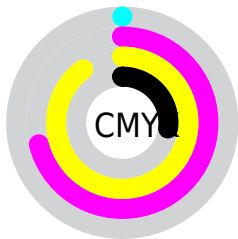
Blue (7%)



Red (73%)

Yellow (25%)

Blue (7%)

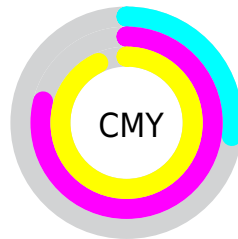


Cyan (0%)

Magenta (71%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (79%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.1790, 89.3110, 16.8870 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 89.1790, 89.3110, 16.8870 by changing the saturation by 10% instead.

■ 89.1790, 89.3110,
16.8870

■ 89.1790, 89.3110,
16.8870

255.0000, -0.0000,
-0.0000

■ 58.9600, 85.7340,
21.1420

■ 145.7730, 96.3260,
16.4060

■ 36.7770, 73.3080,
26.0760

■ 166.5650, 85.0480,
11.5440

■ 27.8070, 55.4280,
19.7160

■ 185.8510, 69.3230,
4.6750

■ 19.2500, 37.8230,
13.8790

■ 205.3650, 52.9560,
-1.5720

■ 10.2800, 19.9430,
7.5190

■ 225.4660, 36.3140,
-8.3420

■ 0.0000, 0.0000,
0.0000

■ 245.5670, 19.6720,

-15.1120

■ 251.6940, 9.3090,
-9.0190

■ 89.1790, 89.3110,
16.8870

■ 89.1790, 89.3110,
16.8870

■ 78.3220, 99.2140,
19.1340

■ 100.1500, 79.0870,
14.9510

■ 78.2080, 99.5350,
18.8230

■ 110.4200, 69.4590,
13.2270

■ 121.3910, 59.2350,
11.2910

■ 131.6610, 49.6070,
9.5670

■ 142.6320, 39.3830,
7.6310

■ 153.4890, 29.4800,
5.3840

■ 163.8730, 19.5310,
3.9710

■ 174.7300, 9.6280,
1.7240

■ 185.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



71.6270, 92.7870, 64.0430



89.1790, 89.3110, 16.8870



95.0330, 65.1540, -13.3900

Triad

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



89.1790, 89.3110, 16.8870



79.6110, -54.6900, -44.1140



83.3240, -96.8360, 14.8760

Complementary

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



89.1790, 89.3110, 16.8870



114.8210, -89.3110, -16.8870

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.



93.0750, -100.8690, 5.3630



89.1790, 89.3110, 16.8870



87.8530, -75.1420, -25.8780

Square

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



89.1790, 89.3110, 16.8870



72.2560, -26.4900, -59.5940



93.4220, -92.2010, -8.5610



102.4740, 0.5870, 49.9550

Rectangle

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



89.1790, 89.3110, 16.8870



94.2700, 41.9570, -28.0190



93.4220, -92.2010, -8.5610



87.7750, -99.7240, 12.1480

Sweetspot

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



89.1790, 89.3110, 16.8870



202.6530, 34.8900, 6.4580



83.7960, 56.2430, 76.5550



97.9440, 20.7690, 3.5610



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



89.1790, 89.3110, 16.8870



101.1100, 129.2900, 24.7300



136.7260, 67.0360, -25.4760



86.8650, 4.8140, 0.8620



66.0150, 83.9010, 15.8130



11.8940, 15.0380, 2.7980

Inverse Universe

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



114.8210, -89.3110, -16.8870



138.3030, -129.0150, -24.2070



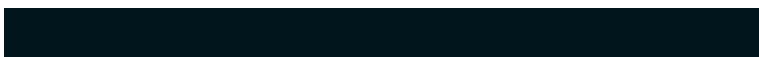
67.2740, -67.0360, 25.4760



88.1350, -4.8140, -0.8620



89.9850, -83.9010, -15.8130



16.1060, -15.0380, -2.7980

Previews

White Background



This preview shows how the YIQ color 89.1790, 89.3110, 16.8870 looks on a white 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

Black Background



This preview shows how the YIQ color 89.1790, 89.3110, 16.8870 looks on a black 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

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

YIQ 89.1790, 89.3110, 16.8870

Background



This preview shows how black text looks on a background with the YIQ color 89.1790, 89.3110, 16.8870.



This preview shows how white text looks on a background with the YIQ color 89.1790, 89.3110,

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

89.1790, 89.3110, 16.8870

Protanopia

97.4940, 29.9430, -19.5370

Tritanopia

91.5930, 79.8180, 29.2420

Trichromacy



Original Color

89.1790, 89.3110, 16.8870

Protanomaly

94.8330, 51.3980, -6.3780

Tritanomaly

90.8120, 83.3950, 24.9870

Monochromacy



Original Color

89.1790, 89.3110, 16.8870

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.9840, 32.4600, 6.4440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.1790, 89.3110, 16.8870 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(185, 54, 19)` looks like.

```
.text, #text, p{  
    color:rgb(185, 54, 19)  
}
```

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(185, 54, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 54, 19) }
```

Border

The CSS property to change the border of an element to YIQ 89.1790, 89.3110, 16.8870 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(185, 54, 19) }
```

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

```
.border{ border-color:rgb(185, 54, 19) }
```

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

Here you see how a box with a 4 pixel rgb(185, 54, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 54, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 54, 19);  
box-shadow:4px 4px 4px 4px rgb(185, 54,  
19) }
```


Background

The CSS property to change the background color of an element to YIQ 89.1790, 89.3110, 16.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 54, 19) }
```

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

```
.background{ background-color: rgb(185, 54,  
19) }
```

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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