

Converting Colors

YIQ(85.2060, 84.6810, 12.6890)

Have a look what the booklet for
YIQ(85.2060, 84.6810, 12.6890)
contains.

YIQ(85.2060, 84.6810, 12.6890)	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>	31

Color

**YIQ(85.2060, 84.6810,
12.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	AE360D
RGB	174, 54, 13
RGB Percent	68%, 21%, 5%
CMY	0.3174, 0.7884, 0.9486
CMYK	0.00, 0.69, 0.92, 0.32
HSL	15°, 86%, 37%
HSV	15°, 92%, 68%
XYZ	18.8604, 11.6692, 1.6423
YIQ	85.2060, 84.6810, 12.6890

Conversions

Conversions Part 2

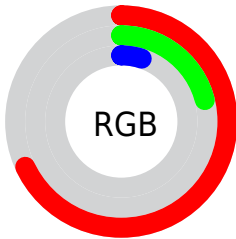
Format	Color
RYB	174, 68, 13
Decimal	11417101
CIELab	40.69, 47.30, 48.32
CIElCh	41, 67.618, 45.609
Yxy	11.6692, 0.5862, 0.3627
Android (android.graphics.Color)	4289607181 (0xFFAE360D)
YUV	85.2060, -35.5976, 77.8723
Hunter-Lab	34.1602, 38.7722, 21.0618

Details

The YIQ color **85.2060, 84.6810, 12.6890** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **101.7940, -84.6810, -12.6890**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7400, 91.9250, 13.5650**, and **33.7870, 67.3480, 23.9560** is the 20% darker color. If you saturate the color by 10%, you get **77.8540, 91.6040, 13.8760**, and if you desaturate by 10%, it is **94.8890, 75.3280, 11.4880**.

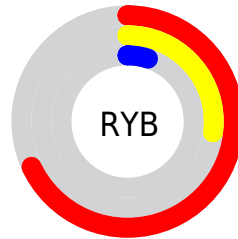
Distribution



Red (68%)

Green (21%)

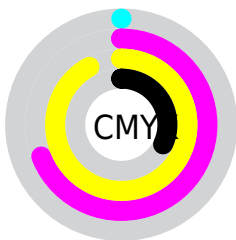
Blue (5%)



Red (68%)

Yellow (27%)

Blue (5%)

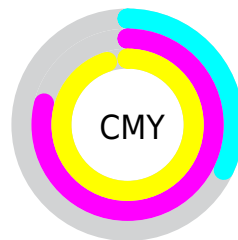


Cyan (0%)

Magenta (69%)

Yellow (92%)

Black (32%)



Cyan (32%)

Magenta (79%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.2060, 84.6810, 12.6890 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 85.2060, 84.6810, 12.6890 by changing the saturation by 10% instead.

85.2060, 84.6810,
12.6890

85.2060, 84.6810,
12.6890

254.4300, 1.6050,
-1.5550

56.8450, 78.6280,
17.7640

140.7400, 91.9250,
13.5650

33.7870, 67.3480,
23.9560

164.8210, 87.2030,
11.0350

24.8170, 49.4680,
17.5960

184.1070, 71.4780,
4.1660

17.2710, 33.3300,
12.7060

203.5070, 55.4320,
-2.3920

5.0830, 10.1320,
3.6040

223.0210, 39.0650,
-8.6390

0.0000, 0.0000,
0.0000

243.2360, 22.1020,

-15.0980

■ 251.1240, 10.9140,
-10.5740

■ 85.2060, 84.6810,
12.6890

■ 85.2060, 84.6810,
12.6890

■ 77.8540, 91.6040,
13.8760

■ 94.8890, 75.3280,
11.4880

■ 104.4580, 66.2960,
9.9760

■ 114.0270, 57.2640,
8.4640

■ 123.7100, 47.9110,
7.2630

■ 133.2790, 38.8790,
5.7510

■ 142.9620, 29.5260,
4.5500

■ 152.5310, 20.4940,
3.0380

■ 162.1000, 11.4620,
1.5260

■ 171.7830, 2.1090,
0.3250

Harmonies

Analogous

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



71.2470, 87.7450, 56.2970



85.2060, 84.6810, 12.6890



90.8690, 59.7440, -14.4640

Triad

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



85.2060, 84.6810, 12.6890



76.7900, -53.6360, -41.1880



77.8470, -91.0590, 14.8050

Complementary

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



85.2060, 84.6810, 12.6890



101.7940, -84.6810, -12.6890

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.



87.8260, -95.7340, 5.9140



85.2060, 84.6810, 12.6890



83.9890, -72.5290, -23.6730

Square

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



85.2060, 84.6810, 12.6890



66.3310, -31.0750, -59.0990



89.2160, -88.6250, -7.2890



96.8720, 5.2180, 48.6260

Rectangle

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



85.2060, 84.6810, 12.6890



89.2310, 37.6930, -27.8350



89.2160, -88.6250, -7.2890



82.4120, -94.2680, 12.3880

Sweetspot

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



85.2060, 84.6810, 12.6890



192.1150, 33.4690, 4.6770



74.9330, 57.1150, 71.7630



93.5310, 20.4940, 3.0380



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.



85.2060, 84.6810, 12.6890



101.9190, 119.3420, 17.7900



132.1660, 62.6810, -29.1510



81.8650, 4.8140, 0.8620



67.1560, 78.9500, 11.9260



10.3990, 12.0580, 1.7380

Inverse Universe

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



101.7940, -84.6810, -12.6890



125.0810, -119.3420, -17.7900



54.8340, -62.6810, 29.1510



82.5480, -4.5390, -0.3390



82.8440, -78.9500, -11.9260



12.6010, -12.0580, -1.7380

Previews

White Background



This preview shows how the YIQ color 85.2060, 84.6810, 12.6890 looks on a white background.

Color Contrast Check

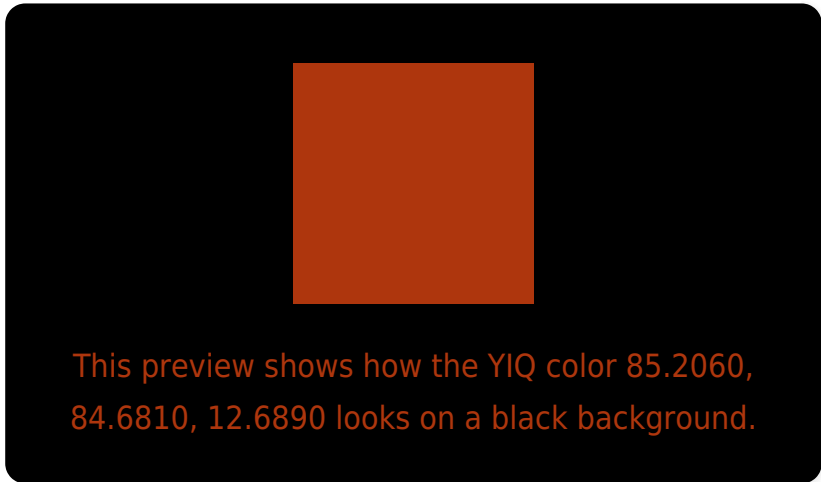
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 85.2060, 84.6810, 12.6890

Background



This preview shows how black text looks on a background with the YIQ color 85.2060, 84.6810, 12.6890.



This preview shows how white text looks on a background with the YIQ color 85.2060, 84.6810,

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

85.2060, 84.6810, 12.6890

Protanopia

92.2660, 30.5850, -20.1590

Deuteranopia

90.4820, 47.4120, -22.2520



Tritanopia

87.7170, 73.5370, 27.4330

Trichromacy



Original Color

85.2060, 84.6810, 12.6890

Protanomaly

89.5940, 50.5730, -7.9470

Deuteranomaly

88.5150, 60.9810, -9.3470

Tritanomaly

86.5940, 78.0770, 22.2450

Monochromacy



Original Color

85.2060, 84.6810, 12.6890

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.1470, 30.4430, 4.4510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.2060, 84.6810, 12.6890 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(174, 54, 13)` looks like.

```
.text, #text, p{  
    color:rgb(174, 54, 13)  
}
```

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(174, 54, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 54, 13) }
```

Border

The CSS property to change the border of an element to YIQ 85.2060, 84.6810, 12.6890 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(174, 54, 13) }
```


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

```
.border{ border-color:rgb(174, 54, 13) }
```

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

Here you see how a box with a 4 pixel rgb(174, 54, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 54, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 54, 13);  
box-shadow:4px 4px 4px 4px rgb(174, 54,  
13) }
```

Background

The CSS property to change the background color of an element to YIQ 85.2060, 84.6810, 12.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 54, 13) }
```

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

```
.background{ background-color: rgb(174, 54,  
13) }
```

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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