

Converting Colors

YIQ(184.7600, 86.8910,
-38.3970)

Have a look what the booklet for
YIQ(184.7600, 86.8910, -38.3970)
contains.

YIQ(184.7600, 86.8910, -38.3970)	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(184.7600, 86.8910,
-38.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BA17
RGB	244, 186, 23
RGB Percent	96%, 73%, 9%
CMY	0.0431, 0.2707, 0.9093
CMYK	0.00, 0.24, 0.91, 0.04
HSL	44°, 91%, 52%
HSV	44°, 91%, 96%
XYZ	55.0210, 54.4045, 8.4181
YIQ	184.7600, 86.8910, -38.3970

Conversions

Conversions Part 2

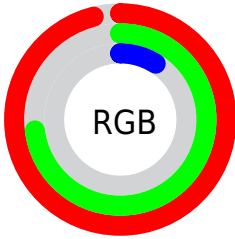
Format	Color
RYB	102, 244, 23
Decimal	16038423
CIELab	78.70, 8.53, 78.07
CIELCh	79, 78.534, 83.762
Yxy	54.4045, 0.4669, 0.4617
Android (android.graphics.Color)	4294228503 (0xFFFF4BA17)
YUV	184.7600, -79.7477, 51.9535
Hunter-Lab	73.7594, 4.0736, 44.8648

Details

The YIQ color **184.7600, 86.8910, -38.3970** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **82.2400, -86.8910, 38.3970**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.5590, 56.5400, -44.5160**, and **132.4890, 71.8970, -30.9750** is the 20% darker color. If you saturate the color by 10%, you get **178.6160, 95.9240, -42.4120**, and if you desaturate by 10%, it is **191.1320, 77.2160, -33.7600**.

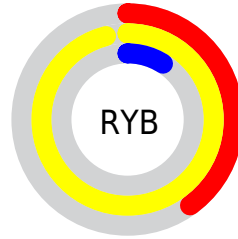
Distribution



Red (96%)

Green (73%)

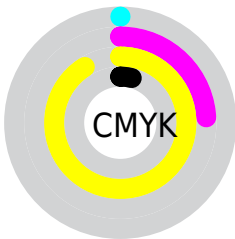
Blue (9%)



Red (40%)

Yellow (96%)

Blue (9%)

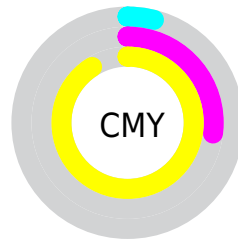


Cyan (0%)

Magenta (24%)

Yellow (91%)

Black (4%)



Cyan (4%)

Magenta (27%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.7600, 86.8910, -38.3970 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 184.7600, 86.8910, -38.3970 by changing the saturation by 10% instead.

184.7600, 86.8910,
-38.3970

184.7600, 86.8910,
-38.3970

255.0000, -0.0000,
-0.0000

157.0200, 83.2230,
-38.0010

228.5590, 56.5400,
-44.5160

132.4890, 71.8970,
-30.9750

239.4960, 43.6560,
-42.2960

108.8440, 60.8920,
-24.2600

242.8020, 34.3470,
-33.2770

86.0850, 50.2080,
-17.8560

245.9940, 25.3590,
-24.5690

63.9130, 39.2490,
-11.9750

249.3000, 16.0500,
-15.5500

43.5130, 28.9320,
-6.7160

252.7200, 6.4200,

23.9990, 18.9360,

-6.2200

-1.7680

■ 2.3920, 4.7680,
1.6960

■ 0.0000, 0.0000,
0.0000

■ 184.7600, 86.8910,
-38.3970

■ 184.7600, 86.8910,
-38.3970

■ 178.6160, 95.9240,
-42.4120

■ 191.1320, 77.2160,
-33.7600

■ 197.9770, 67.5870,
-29.9570

■ 204.2350, 58.2330,
-25.6310

■ 211.1940, 48.2830,
-21.5170

■ 217.4520, 38.9290,
-17.1910

■ 223.8240, 29.2540,
-12.5540

■ 230.6690, 19.6250,
-8.7510

■ 236.9270, 10.2710,
-4.4250

■ 243.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



176.4810, 84.6840, -3.8920



184.7600, 86.8910, -38.3970



178.9810, 34.2600, -59.2440

Triad

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



184.7600, 86.8910, -38.3970



163.1510, -143.8670, -41.3950



192.7780, 29.1500, 55.4380

Complementary

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



184.7600, 86.8910, -38.3970



82.2400, -86.8910, 38.3970

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.



185.2390, -33.5650, 19.0990



184.7600, 86.8910, -38.3970



159.9710, -143.1800, -37.3240

Square

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



184.7600, 86.8910, -38.3970



154.0140, -119.5170, -64.1970



151.1660, -139.0550, -29.4790



173.3150, 49.5070, 55.4510

Rectangle

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



184.7600, 86.8910, -38.3970



171.8840, -16.8150, -64.2310



151.1660, -139.0550, -29.4790



195.0490, 17.7810, 46.7170

Sweetspot

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



184.7600, 86.8910, -38.3970



236.5680, 27.0990, -12.0450



95.8050, 112.7770, 65.2010



116.8690, 16.1860, -6.9980



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.



184.7600, 86.8910, -38.3970



186.6010, 100.2800, -44.2640



203.2580, 39.9490, -79.7550



118.8710, 4.6770, -2.1630



136.0330, 73.1810, -32.2190



42.8820, 23.3390, -9.9810

Inverse Universe

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



82.2400, -86.8910, 38.3970



68.3990, -100.2800, 44.2640



63.7420, -39.9490, 79.7550



113.1290, -4.6770, 2.1630



49.9670, -73.1810, 32.2190



15.5310, -23.0640, 10.5040

Previews

White Background



This preview shows how the YIQ color 184.7600, 86.8910, -38.3970 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 184.7600, 86.8910, -38.3970 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 ✓ Pass

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

YIQ 184.7600, 86.8910, -38.3970

Background



This preview shows how black text looks on a background with the YIQ color 184.7600, 86.8910, -38.3970.



This preview shows how white text looks on a background with the YIQ color 184.7600, 86.8910,

-38.3970.

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

184.7600, 86.8910, -38.3970

Protanopia

183.7960, 68.8740, -47.7820

Deuteranopia

184.8850, 88.0370, -37.1390



Tritanopia

198.4020, 43.5070, 21.0030

Trichromacy



Original Color

184.7600, 86.8910, -38.3970

Protanomaly

184.0250, 75.6590, -44.0930

Deuteranomaly

184.5860, 87.4410, -37.3510

Tritanomaly

193.7140, 59.2830, -0.5970

Monochromacy



Original Color

184.7600, 86.8910, -38.3970

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.5530, 31.4550, -13.8970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.7600, 86.8910, -38.3970 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(244, 186, 23)` looks like.

```
.text, #text, p{  
    color:rgb(244, 186, 23)  
}
```

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(244, 186, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 186, 23) }
```

Border

The CSS property to change the border of an element to YIQ 184.7600, 86.8910, -38.3970 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(244, 186, 23) }
```


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

```
.border{ border-color:rgb(244, 186, 23) }
```

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

Here you see how a box with a 4 pixel rgb(244, 186, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 186, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 186, 23);  
box-shadow:4px 4px 4px 4px rgb(244, 186,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 184.7600, 86.8910, -38.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 186, 23) }
```

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

```
.background{ background-color: rgb(244,  
186, 23) }
```

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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