

Converting Colors

YIQ(184.6620, 81.1150,
-43.8530)

Have a look what the booklet for
YIQ(184.6620, 81.1150, -43.8530)
contains.

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Color

**YIQ(184.6620, 81.1150,
-43.8530)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBF14
RGB	235, 191, 20
RGB Percent	92%, 75%, 8%
CMY	0.0784, 0.2510, 0.9211
CMYK	0.00, 0.19, 0.91, 0.08
HSL	48°, 84%, 50%
HSV	48°, 91%, 92%
XYZ	53.0148, 54.9663, 8.4826
YIQ	184.6620, 81.1150, -43.8530

Conversions

Conversions Part 2

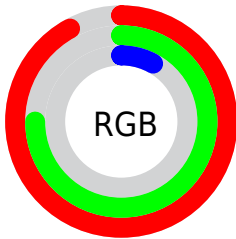
Format	Color
RYB	75, 235, 20
Decimal	15449876
CIELab	79.02, 2.00, 78.41
CIELCh	79, 78.438, 88.535
Yxy	54.9663, 0.4552, 0.4720
Android (android.graphics.Color)	4293639956 (0xFFEBBF14)
YUV	184.6620, -81.1784, 44.1464
Hunter-Lab	74.1393, -2.1038, 45.1139

Details

The YIQ color **184.6620, 81.1150, -43.8530** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **70.3380, -81.1150, 43.8530**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.4940, 55.1650, -47.1310**, and **133.0320, 65.7540, -35.2860** is the 20% darker color. If you saturate the color by 10%, you get **180.0340, 88.6350, -47.9810**, and if you desaturate by 10%, it is **190.3330, 72.0360, -39.0040**.

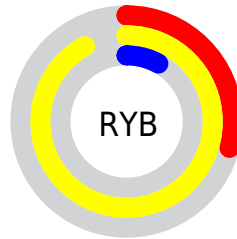
Distribution



Red (92%)

Green (75%)

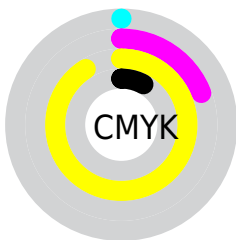
Blue (8%)



Red (29%)

Yellow (92%)

Blue (8%)

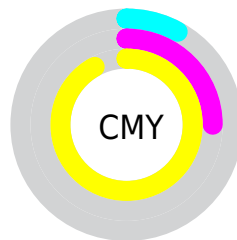


Cyan (0%)

Magenta (19%)

Yellow (91%)

Black (8%)



Cyan (8%)

Magenta (25%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.6620, 81.1150, -43.8530 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 184.6620, 81.1150, -43.8530 by changing the saturation by 10% instead.

184.6620, 81.1150,
-43.8530

184.6620, 81.1150,
-43.8530

255.0000, -0.0000,
-0.0000

157.2640, 76.4840,
-42.5240

231.4940, 55.1650,
-47.1310

133.0320, 65.7540,
-35.2860

239.3820, 43.9770,
-42.6070

109.6860, 55.3450,
-28.3590

242.6880, 34.6680,
-33.5880

86.9270, 44.6610,
-21.9550

245.9940, 25.3590,
-24.5690

64.7550, 33.7020,
-16.0740

249.3000, 16.0500,
-15.5500

43.7680, 23.6600,
-10.2920

252.6060, 6.7410,

24.8520, 14.8560,

-6.5310

-4.9200

■ 0.0000, 0.0000,
0.0000

■ 184.6620, 81.1150,
-43.8530

■ 184.6620, 81.1150,
-43.8530

■ 180.0340, 88.6350,
-47.9810

■ 190.3330, 72.0360,
-39.0040

■ 195.8900, 63.2780,
-34.4660

■ 200.9740, 54.4740,
-29.0940

■ 206.5310, 45.7160,
-24.5560

■ 212.2020, 36.6370,
-19.7070

■ 217.7590, 27.8790,
-15.1690

■ 223.4300, 18.8000,
-10.3200

■ 228.4000, 10.3170,
-5.2590

■ 234.0710, 1.2380,
-0.4100

Harmonies

Analogous

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



179.0910, 85.6020, -9.5180



184.6620, 81.1150, -43.8530



178.9950, 22.4770, -60.4590

Triad

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



184.6620, 81.1150, -43.8530



163.4930, -144.8300, -40.4620



190.4300, 30.2500, 57.5300

Complementary

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



184.6620, 81.1150, -43.8530



70.3380, -81.1150, 43.8530

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.



189.7680, -18.7570, 26.0670



184.6620, 81.1150, -43.8530



159.3840, -142.9050, -36.8010

Square

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



184.6620, 81.1150, -43.8530



156.6700, -124.2400, -61.2000



149.4050, -138.2300, -27.9100



172.0610, 53.0380, 52.0300

Rectangle

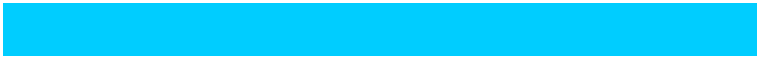
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



184.6620, 81.1150, -43.8530



169.8160, -31.3030, -65.9830



149.4050, -138.2300, -27.9100



196.8870, 27.2250, 51.7770

Sweetspot

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



184.6620, 81.1150, -43.8530



238.9160, 25.9990, -14.1370



89.6430, 113.0530, 60.1970



118.0430, 15.6360, -8.0440



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.



184.6620, 81.1150, -43.8530



195.4060, 96.1550, -52.1090



192.2510, 32.6590, -79.7970



114.5720, 4.0810, -2.3750



138.6470, 68.2760, -36.9400



41.3870, 20.3590, -11.0410

Inverse Universe

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



70.3380, -81.1150, 43.8530



59.5940, -96.1550, 52.1090



62.7490, -32.6590, 79.7970



108.4280, -4.0810, 2.3750



42.3530, -68.2760, 36.9400



12.6130, -20.3590, 11.0410

Previews

White Background



This preview shows how the YIQ color 184.6620, 81.1150, -43.8530 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 184.6620, 81.1150, -43.8530 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 184.6620, 81.1150, -43.8530

Background



This preview shows how black text looks on a background with the YIQ color 184.6620, 81.1150, -43.8530.



This preview shows how white text looks on a background with the YIQ color 184.6620, 81.1150,

-43.8530.

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

184.6620, 81.1150, -43.8530

Protanopia

183.6390, 70.7540, -48.8140

Deuteranopia

185.9990, 87.7160, -36.8280



Tritanopia

199.5150, 35.7590, 18.2470

Trichromacy



Original Color

184.6620, 81.1150, -43.8530

Protanomaly

183.8460, 74.6050, -47.0190

Deuteranomaly

185.7490, 85.4240, -39.3440

Tritanomaly

194.1860, 51.9020, -4.4980

Monochromacy



Original Color

184.6620, 81.1150, -43.8530

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.7160, 29.4380, -15.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.6620, 81.1150, -43.8530 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(235, 191, 20)` looks like.

```
.text, #text, p{  
    color:rgb(235, 191, 20)  
}
```

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(235, 191, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 191, 20) }
```

Border

The CSS property to change the border of an element to YIQ 184.6620, 81.1150, -43.8530 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(235, 191, 20) }
```


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

```
.border{ border-color:rgb(235, 191, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 191, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 191, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 191, 20);  
box-shadow:4px 4px 4px 4px rgb(235, 191,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 184.6620, 81.1150, -43.8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 191, 20) }
```

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

```
.background{ background-color: rgb(235,  
191, 20) }
```

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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