

Converting Colors

YIQ(205.3240, 76.2550,
-43.8810)

Have a look what the booklet for
YIQ(205.3240, 76.2550, -43.8810)
contains.

YIQ(205.3240, 76.2550, -43.8810)	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(205.3240, 76.2550,
-43.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD52E
RGB	251, 213, 46
RGB Percent	98%, 84%, 18%
CMY	0.0157, 0.1647, 0.8191
CMYK	0.00, 0.15, 0.82, 0.02
HSL	49°, 96%, 58%
HSV	49°, 82%, 98%
XYZ	64.0679, 68.2870, 12.4001
YIQ	205.3240, 76.2550, -43.8810

Conversions

Conversions Part 2

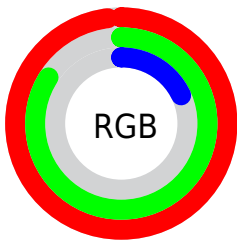
Format	Color
R _Y B	93, 251, 46
Decimal	16504110
CIE Lab	86.15, -1.90, 79.18
CIE LCh	86, 79.200, 91.375
Yxy	68.2870, 0.4426, 0.4717
Android (android.graphics.Color)	4294694190 (0xFFFFBD52E)
YUV	205.3240, -78.5467, 40.0579
Hunter-Lab	82.6359, -6.2213, 48.9482

Details

The YIQ color **205.3240, 76.2550, -43.8810** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **91.6760, -76.2550, 43.8810**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2420, 47.1870, -45.7170**, and **150.1430, 69.5150, -42.8770** is the 20% darker color. If you saturate the color by 10%, you get **199.5390, 85.6550, -49.0410**, and if you desaturate by 10%, it is **211.1090, 66.8550, -38.7210**.

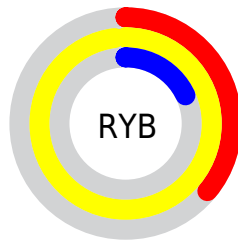
Distribution



Red (98%)

Green (84%)

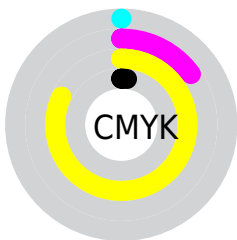
Blue (18%)



Red (36%)

Yellow (98%)

Blue (18%)

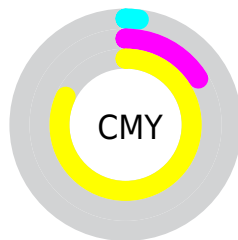


Cyan (0%)

Magenta (15%)

Yellow (82%)

Black (2%)



Cyan (2%)

Magenta (16%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.3240, 76.2550, -43.8810 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 205.3240, 76.2550, -43.8810 by changing the saturation by 10% instead.

205.3240, 76.2550,
-43.8810

205.3240, 76.2550,
-43.8810

255.0000, -0.0000,
-0.0000

174.9620, 79.9700,
-50.6380

238.2420, 47.1870,
-45.7170

150.1430, 69.5150,
-42.8770

241.5480, 37.8780,
-36.6980

125.9110, 58.7850,
-35.6390

244.7400, 28.8900,
-27.9900

102.5650, 48.3760,
-28.7120

248.0460, 19.5810,
-18.9710

79.8060, 37.6920,
-22.3080

251.4660, 9.9510,
-9.6410

58.2320, 27.9250,
-16.0030

254.8860, 0.3210,

38.1310, 18.2040,

-0.3110

-10.5320

■ 18.9160, 8.8040,
-5.3720

■ 0.0000, 0.0000,
0.0000

■ 205.3240, 76.2550,
-43.8810

■ 205.3240, 76.2550,
-43.8810

■ 199.5390, 85.6550,
-49.0410


■ 211.1090, 66.8550,
-38.7210

■ 194.7970, 93.4960,
-53.4800

■ 216.3070, 57.7300,
-33.0380


■ 222.0920, 48.3300,
-27.8780


■ 227.9910, 38.6090,
-22.4070

 233.1890, 29.4840,
-16.7240

 238.9740, 20.0840,
-11.5640

 244.7590, 10.6840,
-6.4040

 249.9570, 1.5590,
-0.7210

 253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



193.4870, 75.3790, -16.9810



205.3240, 76.2550, -43.8810



198.3470, 15.5540, -61.6460

Triad

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



205.3240, 76.2550, -43.8810



175.8200, -150.6050, -51.4450



200.4090, 25.5750, 48.6390

Complementary

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



205.3240, 76.2550, -43.8810



91.6760, -76.2550, 43.8810

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.



208.7280, -4.0850, 24.4830



205.3240, 76.2550, -43.8810



171.1240, -148.4050, -47.2610

Square

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



205.3240, 76.2550, -43.8810



172.0750, -138.6820, -63.7860



159.9710, -143.1800, -37.3240



185.2830, 43.3650, 45.6130

Rectangle

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



205.3240, 76.2550, -43.8810



187.8580, -40.2890, -68.3290



159.9710, -143.1800, -37.3240



206.2790, 22.8250, 43.4090

Sweetspot

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



205.3240, 76.2550, -43.8810



241.5890, 22.6060, -13.2180



111.9690, 109.0190, 56.2110



119.6730, 13.8020, -7.8460



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.



205.3240, 76.2550, -43.8810



199.4980, 92.9000, -53.6920



209.3910, 29.4490, -76.6870



122.3440, 4.7230, -2.9970



146.9090, 70.2940, -40.4740



47.5890, 22.6060, -13.2180

Inverse Universe

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



91.6760, -76.2550, 43.8810



60.5020, -92.9000, 53.6920



87.9080, -28.8530, 76.8990



115.2430, -4.9980, 2.4740



42.0910, -70.2940, 40.4740



13.4110, -22.6060, 13.2180

Previews

White Background



This preview shows how the YIQ color 205.3240, 76.2550, -43.8810 looks on a white background.

Color Contrast Check

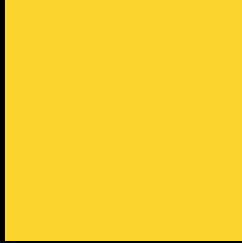
Large Text (above 18pt) WCAG AA × Fail

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 205.3240, 76.2550, -43.8810 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 205.3240, 76.2550, -43.8810

Background



This preview shows how black text looks on a background with the YIQ color 205.3240, 76.2550, -43.8810.



This preview shows how white text looks on a background with the YIQ color 205.3240, 76.2550, -43.8810.

-43.8810.

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

205.3240, 76.2550, -43.8810

Protanopia

204.8070, 70.3410, -46.8350

Deuteranopia

213.6170, 51.7660, -13.0500



Tritanopia

219.2150, 27.7360, 14.9680

Trichromacy



Original Color

205.3240, 76.2550, -43.8810

Protanomaly

205.1170, 72.4040, -45.6760

Deuteranomaly

210.8440, 60.8920, -24.2600

Tritanomaly

214.3100, 45.6210, -6.3070

Monochromacy



Original Color

205.3240, 76.2550, -43.8810

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.2320, 27.9250, -16.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.3240, 76.2550, -43.8810 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(251, 213, 46)` looks like.

```
.text, #text, p{  
    color:rgb(251, 213, 46)  
}
```

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(251, 213, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 213, 46) }
```

Border

The CSS property to change the border of an element to YIQ 205.3240, 76.2550, -43.8810 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(251, 213, 46) }
```


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

```
.border{ border-color:rgb(251, 213, 46) }
```

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

Here you see how a box with a 4 pixel rgb(251, 213, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 213, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 213, 46);  
box-shadow:4px 4px 4px 4px rgb(251, 213,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 205.3240, 76.2550, -43.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 213, 46) }
```

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

```
.background{ background-color: rgb(251,  
213, 46) }
```

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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