

Converting Colors

YIQ(208.5450, 68.3230,
-43.3010)

Have a look what the booklet for
YIQ(208.5450, 68.3230, -43.3010)
contains.

YIQ(208.5450, 68.3230, -43.3010)	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(208.5450, 68.3230,
-43.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DA3B
RGB	247, 218, 59
RGB Percent	97%, 85%, 23%
CMY	0.0314, 0.1451, 0.7682
CMYK	0.00, 0.12, 0.76, 0.03
HSL	51°, 92%, 60%
HSV	51°, 76%, 97%
XYZ	64.2152, 70.2258, 14.3218
YIQ	208.5450, 68.3230, -43.3010

Conversions

Conversions Part 2

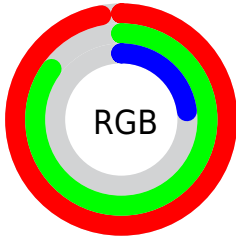
Format	Color
R _Y B	93, 247, 59
Decimal	16243259
CIE Lab	87.11, -5.69, 76.06
CIE LCh	87, 76.271, 94.281
Yxy	70.2258, 0.4317, 0.4721
Android (android.graphics.Color)	4294433339 (0xFFF7DA3B)
YUV	208.5450, -73.7257, 33.7250
Hunter-Lab	83.8009, -9.8699, 48.5278

Details

The YIQ color **208.5450, 68.3230, -43.3010** 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 **97.4550, -68.3230, 43.3010**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.3820, 43.9770, -42.6070**, and **151.8820, 65.7560, -46.3400** is the 20% darker color. If you saturate the color by 10%, you get **203.3470, 77.4480, -48.9840**, and if you desaturate by 10%, it is **213.7430, 59.1980, -37.6180**.

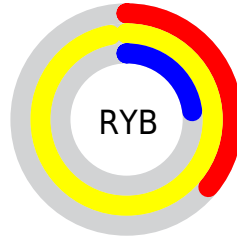
Distribution



Red (97%)

Green (85%)

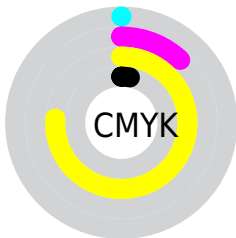
Blue (23%)



Red (36%)

Yellow (97%)

Blue (23%)

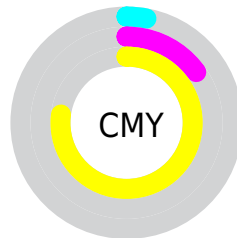


Cyan (0%)

Magenta (12%)

Yellow (76%)

Black (3%)



Cyan (3%)

Magenta (15%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 208.5450, 68.3230, -43.3010 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 208.5450, 68.3230, -43.3010 by changing the saturation by 10% instead.


 208.5450, 68.3230,
-43.3010

 208.5450, 68.3230,
-43.3010


255.0000, -0.0000,
-0.0000


 178.5080, 69.7450,
-47.0470


 239.3820, 43.9770,
-42.6070


 151.8820, 65.7560,
-46.3400


 242.5740, 34.9890,
-33.8990


 127.3620, 55.8970,
-38.3670


 245.8800, 25.6800,
-24.8800

 104.0160, 45.4880,
-31.4400

 249.1860, 16.3710,
-15.8610

 81.5560, 35.4000,
-24.8240

 252.6060, 6.7410,
-6.5310

 59.6830, 25.0370,
-18.7310

 38.9950, 15.5910,

-12.7370

■ 20.3670, 5.9160,
-8.1000

■ 0.0000, 0.0000,
0.0000

■ 208.5450, 68.3230,
-43.3010

■ 208.5450, 68.3230,
-43.3010

■ 203.3470, 77.4480,
-48.9840

■ 213.7430, 59.1980,
-37.6180

■ 198.2630, 86.2520,
-54.3560

■ 218.9410, 50.0730,
-31.9350

■ 196.5360, 89.7370,
-56.9430

■ 223.4380, 41.5440,
-26.0400

■ 228.6360, 32.4190,
-20.3570

■ 233.8340, 23.2940,
-14.6740

■ 238.9180, 14.4900,
-9.3020

■ 244.1160, 5.3650,
-3.6190

■ 248.4990, -2.8430,
1.9650

■ 250.8470, -3.9430,
-0.1270

Harmonies

Analogous

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



197.9380, 72.4910, -19.7090



208.5450, 68.3230, -43.3010



200.8070, 8.4470, -59.4970

Triad

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



208.5450, 68.3230, -43.3010



176.9940, -151.1550, -52.4910



202.1700, 24.7500, 47.0700

Complementary

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



208.5450, 68.3230, -43.3010



97.4550, -68.3230, 43.3010

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.



213.5010, 3.9840, 26.9280



208.5450, 68.3230, -43.3010



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.



208.5450, 68.3230, -43.3010



174.3890, -142.4420, -61.7220



180.3030, -102.6520, -22.9080



188.9360, 42.7240, 40.7080

Rectangle

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



208.5450, 68.3230, -43.3010



190.2040, -47.0750, -66.4910



180.3030, -102.6520, -22.9080



207.4530, 22.2750, 42.3630

Sweetspot

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



208.5450, 68.3230, -43.3010



242.9910, 21.4140, -13.6420



118.7460, 102.0970, 49.4970



120.3740, 13.2060, -8.0580



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.



208.5450, 68.3230, -43.3010



207.4200, 84.3720, -53.3240



206.7310, 22.8000, -71.8240



120.0450, 4.1270, -3.2090



147.7730, 67.6810, -42.6790



46.9910, 21.4140, -13.6420

Inverse Universe

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



97.4550, -68.3230, 43.3010



70.5800, -84.3720, 53.3240



99.2690, -22.8000, 71.8240



112.5420, -4.4020, 2.6860



38.2270, -67.6810, 42.6790



12.0090, -21.4140, 13.6420

Previews

White Background



This preview shows how the YIQ color 208.5450, 68.3230, -43.3010 looks on a white background.

Color Contrast Check

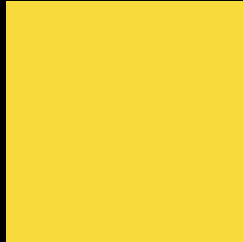
Large Text (above 18pt) WCAG AA × Fail

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 208.5450, 68.3230, -43.3010 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 208.5450, 68.3230, -43.3010

Background



This preview shows how black text looks on a background with the YIQ color 208.5450, 68.3230, -43.3010.



This preview shows how white text looks on a background with the YIQ color 208.5450, 68.3230, -43.3010.

-43.3010.

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

208.5450, 68.3230, -43.3010

Protanopia

208.5340, 66.8560, -44.2480

Deuteranopia

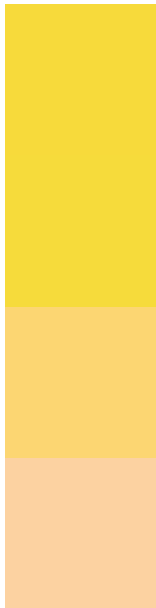
216.7460, 47.0890, -10.8870



Tritanopia

221.5460, 25.3060, 14.9540

Trichromacy



Original Color

208.5450, 68.3230, -43.3010

Protanomaly

208.8330, 67.4520, -44.0360

Deuteranomaly

213.9620, 54.7480, -23.0440

Tritanomaly

216.9720, 40.7610, -6.3350

Monochromacy



Original Color

208.5450, 68.3230, -43.3010

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.6770, 25.1740, -15.7060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 208.5450, 68.3230, -43.3010 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(247, 218, 59)` looks like.

```
.text, #text, p{  
    color:rgb(247, 218, 59)  
}
```

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(247, 218, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 218, 59) }
```

Border

The CSS property to change the border of an element to YIQ 208.5450, 68.3230, -43.3010 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(247, 218, 59) }
```


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

```
.border{ border-color:rgb(247, 218, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 218, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 218, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 218, 59);  
box-shadow:4px 4px 4px 4px rgb(247, 218,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 208.5450, 68.3230, -43.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 218, 59) }
```

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

```
.background{ background-color: rgb(247,  
218, 59) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor