

Converting Colors

YIQ(198.3310, 83.5450,
-43.8390)

Have a look what the booklet for
YIQ(198.3310, 83.5450, -43.8390)
contains.

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Color

**YIQ(198.3310, 83.5450,
-43.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>FBCC1F</code>
RGB	251, 204, 31
RGB Percent	98%, 80%, 12%
CMY	0.0157, 0.2001, 0.8779
CMYK	0.00, 0.19, 0.88, 0.02
HSL	47°, 96%, 55%
HSV	47°, 88%, 98%
XYZ	61.6210, 63.7851, 10.3685
YIQ	198.3310, 83.5450, -43.8390

Conversions

Conversions Part 2

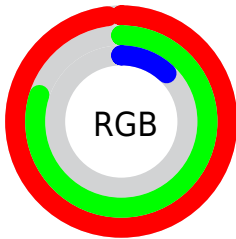
Format	Color
RYB	91, 251, 31
Decimal	16501791
CIELab	83.85, 2.34, 80.83
CIElCh	84, 80.865, 88.340
Yxy	63.7851, 0.4538, 0.4698
Android (android.graphics.Color)	4294691871 (0xFFFBCC1F)
YUV	198.3310, -82.4942, 46.1907
Hunter-Lab	79.8656, -2.0415, 48.2086

Details

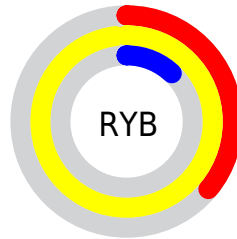
The YIQ color **198.3310, 83.5450, -43.8390** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **83.6690, -83.5450, 43.8390**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9880, 50.7180, -49.1380**, and **144.5610, 71.3940, -38.3820** is the 20% darker color. If you saturate the color by 10%, you get **192.5460, 92.9450, -48.9990**, and if you desaturate by 10%, it is **204.1160, 74.1450, -38.6790**.

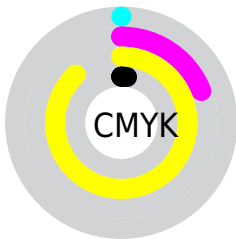
Distribution



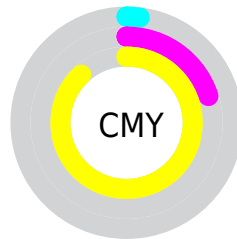
- Red (98%)
- Green (80%)
- Blue (12%)



- Red (36%)
- Yellow (98%)
- Blue (12%)



- Cyan (0%)
- Magenta (19%)
- Yellow (88%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.3310, 83.5450, -43.8390 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 198.3310, 83.5450, -43.8390 by changing the saturation by 10% instead.


 198.3310, 83.5450,
-43.8390


 198.3310, 83.5450,
-43.8390


255.0000, -0.0000,
-0.0000


 169.6790, 82.4450,
-45.9310


 236.9880, 50.7180,
-49.1380


 144.5610, 71.3940,
-38.3820


 240.2940, 41.4090,
-40.1190


 120.9160, 60.3890,
-31.6670


 243.6000, 32.1000,
-31.1000

 97.5700, 49.9800,
-24.7400

 246.9060, 22.7910,
-22.0810

 75.3980, 39.0210,
-18.8590

 250.3260, 13.1610,
-12.7510

 53.8240, 29.2540,
-12.5540

 253.6320, 3.8520,

 33.7230, 19.5330,

-3.7320

-7.0830

■ 13.9210, 10.4080,
-1.4000

■ 0.0000, 0.0000,
0.0000

■ 198.3310, 83.5450,
-43.8390

■ 198.3310, 83.5450,
-43.8390

■ 192.5460, 92.9450,
-48.9990

■ 204.1160, 74.1450,
-38.6790

■ 190.6880, 95.4210,
-49.8190

■ 210.4880, 64.4700,
-34.0420

■ 216.2730, 55.0700,
-28.8820

■ 222.1720, 45.3490,
-23.4110

■ 228.5440, 35.6740,
-18.7740

■ 234.3290, 26.2740,
-13.6140

■ 240.7010, 16.5990,
-8.9770

■ 246.4860, 7.1990,
-3.8170

■ 252.0430, -1.5590,
0.7210

Harmonies

Analogous

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



187.1610, 79.4130, -12.9950



198.3310, 83.5450, -43.8390



192.0120, 23.8070, -62.5370

Triad

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



198.3310, 83.5450, -43.8390



172.2980, -148.9550, -48.3070



197.4740, 26.9500, 51.2540

Complementary

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



198.3310, 83.5450, -43.8390



83.6690, -83.5450, 43.8390

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.



200.9870, -15.1800, 21.8120



198.3310, 83.5450, -43.8390



168.1890, -147.0300, -44.6460

Square

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



198.3310, 83.5450, -43.8390



166.8430, -132.2170, -65.3130



157.6230, -142.0800, -35.2320



180.2280, 45.1980, 50.9420

Rectangle

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



198.3310, 83.5450, -43.8390



182.3490, -31.4860, -68.1740



157.6230, -142.0800, -35.2320



203.9310, 23.9250, 45.5010

Sweetspot

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



198.3310, 83.5450, -43.8390



239.2580, 25.0360, -13.2040



102.2520, 115.7120, 61.5680



118.1570, 15.3150, -7.7330



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.



198.3310, 83.5450, -43.8390



193.6450, 96.9800, -50.5400



207.3820, 33.6680, -81.5640



121.7570, 4.9980, -2.4740



143.3870, 71.9440, -37.3360



46.4150, 23.1560, -12.1720

Inverse Universe

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



83.6690, -83.5450, 43.8390



61.3550, -96.9800, 50.5400



74.6180, -33.6680, 81.5640



115.2430, -4.9980, 2.4740



45.0260, -71.6690, 37.8590



14.5850, -23.1560, 12.1720

Previews

White Background



This preview shows how the YIQ color 198.3310, 83.5450, -43.8390 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 198.3310, 83.5450, -43.8390 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 198.3310, 83.5450, -43.8390

Background



This preview shows how black text looks on a background with the YIQ color 198.3310, 83.5450, -43.8390.



This preview shows how white text looks on a background with the YIQ color 198.3310, 83.5450,

-43.8390.

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

198.3310, 83.5450, -43.8390

Protanopia

197.5960, 72.3130, -49.5350

Deuteranopia

205.1590, 64.5590, -19.1290



Tritanopia

212.9060, 33.1000, 16.8760

Trichromacy



Original Color

198.3310, 83.5450, -43.8390

Protanomaly

197.8030, 76.1640, -47.7400

Deuteranomaly

202.5970, 71.7130, -27.6390

Tritanomaly

207.7730, 51.6270, -5.0210

Monochromacy



Original Color

198.3310, 83.5450, -43.8390

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.9010, 30.3550, -15.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.3310, 83.5450, -43.8390 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, 204, 31)` looks like.

```
.text, #text, p{  
    color:rgb(251, 204, 31)  
}
```

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, 204, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 204, 31) }
```

Border

The CSS property to change the border of an element to YIQ 198.3310, 83.5450, -43.8390 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, 204, 31) }
```


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

```
.border{ border-color:rgb(251, 204, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 204, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 204, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 204, 31);  
box-shadow:4px 4px 4px 4px rgb(251, 204,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 198.3310, 83.5450, -43.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 204, 31) }
```

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

```
.background{ background-color: rgb(251,  
204, 31) }
```

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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