

Converting Colors

YIQ(198.7120, 86.8460,
-43.0900)

Have a look what the booklet for
YIQ(198.7120, 86.8460, -43.0900)
contains.

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Color

**YIQ(198.7120, 86.8460,
-43.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCB1D
RGB	255, 203, 29
RGB Percent	100%, 80%, 11%
CMY	0.0000, 0.2040, 0.8858
CMYK	0.00, 0.20, 0.89, 0.00
HSL	46°, 100%, 56%
HSV	46°, 89%, 100%
XYZ	62.8139, 64.0506, 10.2227
YIQ	198.7120, 86.8460, -43.0900

Conversions

Conversions Part 2

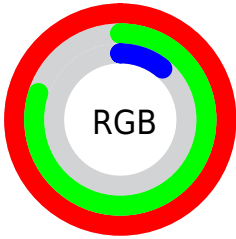
Format	Color
R _Y B	97, 255, 29
Decimal	16763677
CIE Lab	83.99, 4.52, 81.50
CIE LCh	84, 81.625, 86.825
Yxy	64.0506, 0.4582, 0.4672
Android (android.graphics.Color)	4294953757 (0xFFFFCB1D)
YUV	198.7120, -83.6680, 49.3646
Hunter-Lab	80.0316, 0.0428, 48.4488

Details

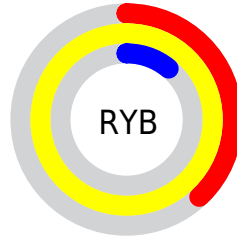
The YIQ color **198.7120, 86.8460, -43.0900** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **85.2880, -86.8460, 43.0900**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8740, 51.0390, -49.4490**, and **145.1700, 74.0530, -37.0110** is the 20% darker color. If you saturate the color by 10%, you get **192.3400, 96.5210, -47.7270**, and if you desaturate by 10%, it is **205.1980, 76.8500, -38.1420**.

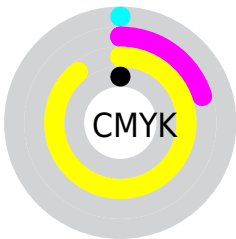
Distribution



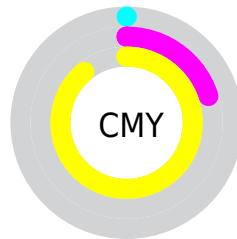
- Red (100%)
- Green (80%)
- Blue (11%)



- Red (38%)
- Yellow (100%)
- Blue (11%)



- Cyan (0%)
- Magenta (20%)
- Yellow (89%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.7120, 86.8460, -43.0900 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 198.7120, 86.8460, -43.0900 by changing the saturation by 10% instead.

198.7120, 86.8460,
-43.0900

198.7120, 86.8460,
-43.0900

255.0000, -0.0000,
-0.0000

170.2880, 85.1040,
-44.5600

236.8740, 51.0390,
-49.4490

145.1700, 74.0530,
-37.0110

240.1800, 41.7300,
-40.4300

121.5250, 63.0480,
-30.2960

243.4860, 32.4210,
-31.4110

97.8800, 52.0430,
-23.5810

246.7920, 23.1120,
-22.3920

75.7080, 41.0840,
-17.7000

250.2120, 13.4820,
-13.0620

54.1340, 31.3170,
-11.3950

253.5180, 4.1730,

33.7340, 21.0000,

-4.0430

-6.1360

■ 13.6440, 12.7460,
0.2820

■ 0.0000, 0.0000,
0.0000

■ 198.7120, 86.8460,
-43.0900

■ 198.7120, 86.8460,
-43.0900

■ 192.3400, 96.5210,
-47.7270

■ 205.1980, 76.8500,
-38.1420

■ 191.2970, 98.0800,
-48.4480

■ 211.5700, 67.1750,
-33.5050

■ 218.0560, 57.1790,
-28.5570

■ 223.8410, 47.7790,
-23.3970

■ 230.3270, 37.7830,
-18.4490

■ 236.6990, 28.1080,
-13.8120

■ 243.1850, 18.1120,
-8.8640

■ 249.5570, 8.4370,
-4.2270

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



186.1010, 79.6420, -11.6380



198.7120, 86.8460, -43.0900



192.0510, 28.0710, -62.7210

Triad

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



198.7120, 86.8460, -43.0900



172.8850, -149.2300, -48.8300



198.0610, 26.6750, 50.7310

Complementary

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



198.7120, 86.8460, -43.0900



85.2880, -86.8460, 43.0900

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.



200.3670, -19.3060, 19.4940



198.7120, 86.8460, -43.0900



168.7760, -147.3050, -45.1690

Square

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



198.7120, 86.8460, -43.0900



166.5010, -131.2540, -66.2460



158.7970, -142.6300, -36.2780



180.6840, 43.9140, 52.1860

Rectangle

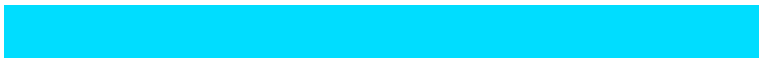
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198.7120, 86.8460, -43.0900



183.3880, -27.2220, -68.3580



158.7970, -142.6300, -36.2780



204.5180, 23.6500, 44.9780

Sweetspot

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



198.7120, 86.8460, -43.0900



237.7420, 26.5490, -13.0910



102.6160, 117.6830, 64.3950



117.4560, 15.9110, -7.5210



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.



198.7120, 86.8460, -43.0900



191.2970, 98.0800, -48.4480



211.2960, 36.7860, -83.0060



124.7570, 4.9980, -2.4740



143.3980, 73.4110, -36.3890



47.8990, 24.6690, -12.0590

Inverse Universe

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



85.2880, -86.8460, 43.0900



63.7030, -98.0800, 48.4480



72.7040, -36.7860, 83.0060



118.2430, -4.9980, 2.4740



47.6020, -73.4110, 36.3890



16.1010, -24.6690, 12.0590

Previews

White Background



This preview shows how the YIQ color 198.7120, 86.8460, -43.0900 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 198.7120, 86.8460, -43.0900 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 198.7120, 86.8460, -43.0900

Background



This preview shows how black text looks on a background with the YIQ color 198.7120, 86.8460, -43.0900.



This preview shows how white text looks on a background with the YIQ color 198.7120, 86.8460,

-43.0900.

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

198.7120, 86.8460, -43.0900

Protanopia

197.3680, 72.9550, -50.1570

Deuteranopia

205.9740, 63.6420, -19.0300



Tritanopia

212.9060, 33.1000, 16.8760

Trichromacy



Original Color

198.7120, 86.8460, -43.0900

Protanomaly

197.5860, 78.2730, -47.4150

Deuteranomaly

203.4830, 72.0340, -27.9500

Tritanomaly

207.9580, 52.5440, -5.1200

Monochromacy



Original Color

198.7120, 86.8460, -43.0900

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.4990, 31.5470, -15.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.7120, 86.8460, -43.0900 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(255, 203, 29)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 29)  
}
```

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(255, 203, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 29) }
```

Border

The CSS property to change the border of an element to YIQ 198.7120, 86.8460, -43.0900 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(255, 203, 29) }
```


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

```
.border{ border-color:rgb(255, 203, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 29);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 198.7120, 86.8460, -43.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 29) }
```

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

```
.background{ background-color: rgb(255,  
203, 29) }
```

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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