

Converting Colors

YIQ(192.4470, 80.8830,
-28.6290)

Have a look what the booklet for
YIQ(192.4470, 80.8830, -28.6290)
contains.

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Color

**YIQ(192.4470, 80.8830,
-28.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBD36
RGB	252, 189, 54
RGB Percent	99%, 74%, 21%
CMY	0.0117, 0.2589, 0.7878
CMYK	0.00, 0.25, 0.79, 0.01
HSL	41°, 97%, 60%
HSV	41°, 79%, 99%
XYZ	59.0112, 57.3496, 11.4628
YIQ	192.4470, 80.8830, -28.6290

Conversions

Conversions Part 2

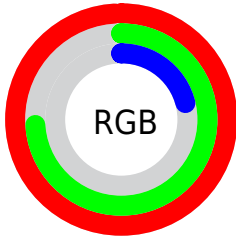
Format	Color
R _Y B	146, 252, 54
Decimal	16563510
CIE Lab	80.38, 11.14, 71.73
CIE LCh	80, 72.588, 81.175
Yxy	57.3496, 0.4617, 0.4487
Android (android.graphics.Color)	4294753590 (0xFFFCBD36)
YUV	192.4470, -68.2544, 52.2280
Hunter-Lab	75.7295, 6.5671, 44.0363

Details

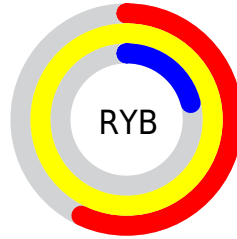
The YIQ color **192.4470, 80.8830, -28.6290** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **113.5530, -80.8830, 28.6290**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.7140, 48.9740, -39.5540**, and **136.6420, 75.8400, -30.8480** is the 20% darker color. If you saturate the color by 10%, you get **184.9010, 91.1080, -32.2200**, and if you desaturate by 10%, it is **199.9930, 70.6580, -25.0380**.

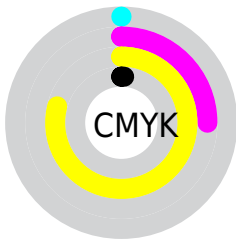
Distribution



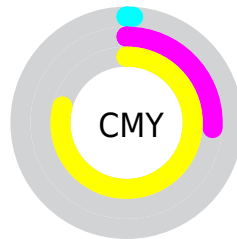
- Red (99%)
- Green (74%)
- Blue (21%)



- Red (57%)
- Yellow (99%)
- Blue (21%)



- Cyan (0%)
- Magenta (25%)
- Yellow (79%)
- Black (1%)



- Cyan (1%)
- Magenta (26%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.4470, 80.8830, -28.6290 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 192.4470, 80.8830, -28.6290 by changing the saturation by 10% instead.

192.4470, 80.8830,
-28.6290

192.4470, 80.8830,
-28.6290

255.0000, -0.0000,
-0.0000

163.2250, 81.3880,
-32.2760

232.7140, 48.9740,
-39.5540

136.9410, 76.4360,
-30.6360

241.7760, 37.2360,
-36.0760

112.9970, 64.8350,
-24.1330

244.9680, 28.2480,
-27.3680

90.2380, 54.1510,
-17.7290

248.2740, 18.9390,
-18.3490

68.0660, 43.1920,
-11.8480

251.5800, 9.6300,
-9.3300

46.7800, 32.5540,
-6.2780

254.8860, 0.3210,

26.6790, 22.8330,

-0.3110

-0.8070

■ 7.4750, 14.9000,
5.3000

■ 0.0000, 0.0000,
0.0000

■ 192.4470, 80.8830,
-28.6290

■ 192.4470, 80.8830,
-28.6290

■ 184.9010, 91.1080,
-32.2200

■ 199.9930, 70.6580,
-25.0380

■ 177.3550,
101.3330, -35.8110

■ 207.6530, 60.1120,
-21.1360

■ 176.3120,
102.8920, -36.5320

■ 215.1990, 49.8870,
-17.5450

■ 222.7450, 39.6620,
-13.9540

■ 230.2910, 29.4370,
-10.3630

■ 237.8370, 19.2120,
-6.7720

■ 245.4970, 8.6660,
-2.8700

■ 252.9290, -1.2380,
0.4100

■ 254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



182.1690, 76.9350, -1.1210



192.4470, 80.8830, -28.6290



186.6210, 35.6340, -51.1020

Triad

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



192.4470, 80.8830, -28.6290



164.2280, -142.7660, -44.8300



199.8220, 25.8500, 49.1620

Complementary

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



192.4470, 80.8830, -28.6290



113.5530, -80.8830, 28.6290

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.



189.6360, -36.3610, 14.7030



192.4470, 80.8830, -28.6290



162.3190, -144.2800, -39.4160

Square

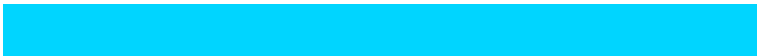
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



192.4470, 80.8830, -28.6290



155.6610, -120.0210, -66.0770



154.1010, -140.4300, -32.0940



182.5590, 42.7680, 50.9280

Rectangle

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



192.4470, 80.8830, -28.6290



180.4770, -8.0590, -57.7150



154.1010, -140.4300, -32.0940



199.4240, 12.0510, 40.4270

Sweetspot

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



192.4470, 80.8830, -28.6290



236.8930, 24.8060, -9.0340



120.7260, 96.8220, 62.5020



116.7380, 15.1770, -5.2310



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.



192.4470, 80.8830, -28.6290



183.0280, 97.9400, -34.8920



219.5610, 43.8900, -68.5740



121.1700, 5.2730, -1.9510



132.2340, 77.1690, -27.3990



42.8930, 24.8060, -9.0340

Inverse Universe

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



113.5530, -80.8830, 28.6290



87.5590, -98.2150, 34.3690



86.4390, -43.8900, 68.5740



115.8300, -5.2730, 1.9510



56.7660, -77.1690, 27.3990



18.1070, -24.8060, 9.0340

Previews

White Background



This preview shows how the YIQ color 192.4470, 80.8830, -28.6290 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 192.4470, 80.8830, -28.6290 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 192.4470, 80.8830, -28.6290

Background



This preview shows how black text looks on a background with the YIQ color 192.4470, 80.8830, -28.6290.



This preview shows how white text looks on a background with the YIQ color 192.4470, 80.8830, -28.6290.

-28.6290.

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

192.4470, 80.8830, -28.6290

Protanopia

190.8740, 60.2070, -39.3850

Deuteranopia

192.7350, 80.0120, -29.3640



Tritanopia

203.0920, 41.4440, 19.8440

Trichromacy



Original Color

192.4470, 80.8830, -28.6290

Protanomaly

191.4020, 67.5880, -35.4840

Deuteranomaly

192.7350, 80.0120, -29.3640

Tritanomaly

199.4410, 55.7980, 1.9900

Monochromacy



Original Color

192.4470, 80.8830, -28.6290

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

192.2910, 29.4370, -10.3630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.4470, 80.8830, -28.6290 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(252, 189, 54)` looks like.

```
.text, #text, p{  
    color:rgb(252, 189, 54)  
}
```

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(252, 189, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 189, 54) }
```

Border

The CSS property to change the border of an element to YIQ 192.4470, 80.8830, -28.6290 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(252, 189, 54) }
```


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

```
.border{ border-color:rgb(252, 189, 54) }
```

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

Here you see how a box with a 4 pixel rgb(252, 189, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 189, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 189, 54);  
box-shadow:4px 4px 4px 4px rgb(252, 189,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 192.4470, 80.8830, -28.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 189, 54) }
```

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

```
.background{ background-color: rgb(252,  
189, 54) }
```

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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