

Converting Colors

YIQ(202.9620, 71.9430,
-31.8090)

Have a look what the booklet for
YIQ(202.9620, 71.9430, -31.8090)
contains.

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Color

**YIQ(202.9620, 71.9430,
-31.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCC45
RGB	252, 204, 69
RGB Percent	99%, 80%, 27%
CMY	0.0117, 0.2001, 0.7290
CMYK	0.00, 0.19, 0.73, 0.01
HSL	44°, 97%, 63%
HSV	44°, 73%, 99%
XYZ	62.8129, 64.3038, 14.7477
YIQ	202.9620, 71.9430, -31.8090

Conversions

Conversions Part 2

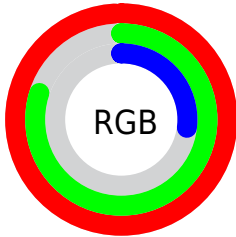
Format	Color
RYB	134, 252, 69
Decimal	16567365
CIELab	84.12, 3.95, 69.92
CIELCh	84, 70.027, 86.765
Yxy	64.3038, 0.4428, 0.4533
Android (android.graphics.Color)	4294757445 (0xFFFFCC45)
YUV	202.9620, -66.0433, 43.0063
Hunter-Lab	80.1896, -0.5119, 45.2287

Details

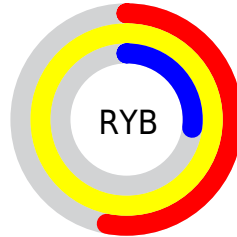
The YIQ color **202.9620, 71.9430, -31.8090** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **118.0380, -71.9430, 31.8090**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.1800, 41.7300, -40.4300**, and **145.1590, 72.5860, -37.9580** is the 20% darker color. If you saturate the color by 10%, you get **196.0030, 81.8930, -35.9230**, and if you desaturate by 10%, it is **209.9210, 61.9930, -27.6950**.

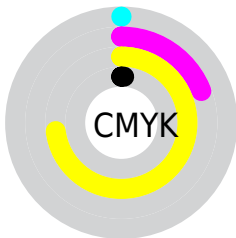
Distribution



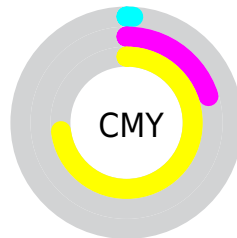
- Red (99%)
- Green (80%)
- Blue (27%)



- Red (53%)
- Yellow (99%)
- Blue (27%)



- Cyan (0%)
- Magenta (19%)
- Yellow (73%)
- Black (1%)





- Cyan (1%)
- Magenta (20%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.9620, 71.9430, -31.8090 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 202.9620, 71.9430, -31.8090 by changing the saturation by 10% instead.


 202.9620, 71.9430,
-31.8090


 202.9620, 71.9430,
-31.8090


255.0000, -0.0000,
-0.0000

 174.3100, 70.8430,
-33.9010


 240.1800, 41.7300,
-40.4300

 145.1590, 72.5860,
-37.9580


 243.3720, 32.7420,
-31.7220


 121.8130, 62.1770,
-31.0310


 246.5640, 23.7540,
-23.0140

 98.1680, 51.1720,
-24.3160

 249.8700, 14.4450,
-13.9950

 75.7080, 41.0840,
-17.7000

 253.1760, 5.1360,
-4.9760

 54.4220, 30.4460,
-12.1300

 34.3210, 20.7250,

-6.6590

■ 14.2310, 12.4710,
-0.2410

■ 0.0000, 0.0000,
0.0000

■ 202.9620, 71.9430,
-31.8090

■ 202.9620, 71.9430,
-31.8090

■ 196.0030, 81.8930,
-35.9230

■ 209.9210, 61.9930,
-27.6950

■ 189.6310, 91.5680,
-40.5600

■ 216.4070, 51.9970,
-22.7470

■ 184.5300, 99.0420,
-43.8540

■ 223.3660, 42.0470,
-18.6330

■ 229.7380, 32.3720,
-13.9960

■ 236.6970, 22.4220,
-9.8820

■ 243.6560, 12.4720,
-5.7680

■ 250.1420, 2.4760,
-0.8200

■ 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.



192.7180, 70.6550, -8.4570



202.9620, 71.9430, -31.8090



196.9770, 22.8880, -51.3840

Triad

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



202.9620, 71.9430, -31.8090



171.1240, -148.4050, -47.2610



203.9310, 23.9250, 45.5010

Complementary

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



202.9620, 71.9430, -31.8090



118.0380, -71.9430, 31.8090

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.



203.3350, -16.2800, 19.7200



202.9620, 71.9430, -31.8090



167.0150, -146.4800, -43.6000

Square

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



202.9620, 71.9430, -31.8090



164.8540, -130.7500, -64.3660



157.6230, -142.0800, -35.2320



189.9620, 39.8350, 43.5070

Rectangle

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



202.9620, 71.9430, -31.8090



189.9470, -21.1260, -57.6860



157.6230, -142.0800, -35.2320



209.2140, 21.4500, 40.7940

Sweetspot

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



202.9620, 71.9430, -31.8090



239.8110, 22.1010, -9.5710



129.3030, 93.3390, 54.0350



118.8410, 13.3890, -5.8670



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.



202.9620, 71.9430, -31.8090



195.6460, 87.2120, -38.7080



218.2810, 33.1150, -66.0290



121.7570, 4.9980, -2.4740



138.1040, 74.4190, -32.6290



44.6540, 23.9810, -10.6030

Inverse Universe

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



118.0380, -71.9430, 31.8090



92.3540, -87.2120, 38.7080



102.7190, -33.1150, 66.0290



115.8300, -5.2730, 1.9510



50.8960, -74.4190, 32.6290



16.3460, -23.9810, 10.6030

Previews

White Background



This preview shows how the YIQ color 202.9620, 71.9430, -31.8090 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 202.9620, 71.9430, -31.8090 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 202.9620, 71.9430, -31.8090

Background



This preview shows how black text looks on a background with the YIQ color 202.9620, 71.9430, -31.8090.



This preview shows how white text looks on a background with the YIQ color 202.9620, 71.9430,

-31.8090.

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

202.9620, 71.9430, -31.8090

Protanopia

201.6290, 59.5190, -37.9290

Deuteranopia

206.6580, 61.7160, -17.1640



Tritanopia

213.6070, 32.5040, 16.6640

Trichromacy



Original Color

202.9620, 71.9430, -31.8090

Protanomaly

202.1350, 63.9660, -35.9220

Deuteranomaly

205.2360, 65.6600, -22.5640

Tritanomaly

209.9560, 46.8580, -1.1900

Monochromacy



Original Color

202.9620, 71.9430, -31.8090

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.7960, 26.4570, -11.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.9620, 71.9430, -31.8090 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, 204, 69)` looks like.

```
.text, #text, p{  
    color:rgb(252, 204, 69)  
}
```

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, 204, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 204, 69) }
```

Border

The CSS property to change the border of an element to YIQ 202.9620, 71.9430, -31.8090 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, 204, 69) }
```


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

```
.border{ border-color:rgb(252, 204, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 204, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 204, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 204, 69);  
box-shadow:4px 4px 4px 4px rgb(252, 204,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 202.9620, 71.9430, -31.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 204, 69) }
```

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

```
.background{ background-color: rgb(252,  
204, 69) }
```

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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