

Converting Colors

YIQ(192.8020, 69.8780,
-21.9140)

Have a look what the booklet for
YIQ(192.8020, 69.8780, -21.9140)
contains.

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Color

**YIQ(192.8020, 69.8780,
-21.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	F6BC4E
RGB	246, 188, 78
RGB Percent	96%, 74%, 31%
CMY	0.0352, 0.2628, 0.6937
CMYK	0.00, 0.24, 0.68, 0.04
HSL	39°, 90%, 64%
HSV	39°, 68%, 96%
XYZ	57.3687, 56.1033, 15.0305
YIQ	192.8020, 69.8780, -21.9140

Conversions

Conversions Part 2

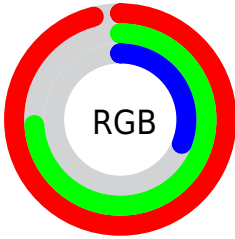
Format	Color
RYB	167, 246, 78
Decimal	16170062
CIELab	79.67, 10.17, 61.59
CIElCh	80, 62.423, 80.622
Yxy	56.1033, 0.4464, 0.4366
Android (android.graphics.Color)	4294360142 (0xFFFF6BC4E)
YUV	192.8020, -56.5974, 46.6546
Hunter-Lab	74.9021, 5.6370, 40.5339

Details

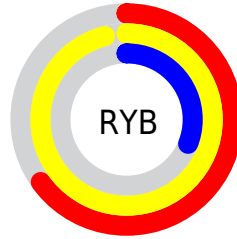
The YIQ color **192.8020, 69.8780, -21.9140** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **131.1980, -69.8780, 21.9140**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.5210, 42.5080, -32.5000**, and **137.0250, 67.6320, -25.2640** is the 20% darker color. If you saturate the color by 10%, you get **184.6690, 80.3780, -24.9820**, and if you desaturate by 10%, it is **200.3480, 59.6530, -18.3230**.

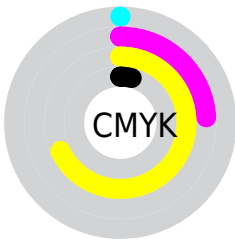
Distribution



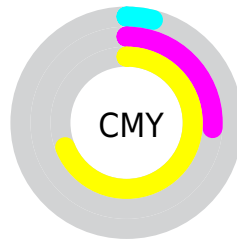
- Red (96%)
- Green (74%)
- Blue (31%)



- Red (65%)
- Yellow (96%)
- Blue (31%)



- Cyan (0%)
- Magenta (24%)
- Yellow (68%)
- Black (4%)



- Cyan (4%)
- Magenta (26%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.8020, 69.8780, -21.9140 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 192.8020, 69.8780, -21.9140 by changing the saturation by 10% instead.

192.8020, 69.8780,
-21.9140

192.8020, 69.8780,
-21.9140

255.0000, -0.0000,
-0.0000

164.9050, 68.0900,
-22.5500

234.5210, 42.5080,
-32.5000

137.0250, 67.6320,
-25.2640

244.0560, 30.8160,
-29.8560

111.2140, 62.7260,
-24.4580

247.2480, 21.8280,
-21.1480

88.4550, 52.0420,
-18.0540

250.5540, 12.5190,
-12.1290

66.5820, 41.6790,
-11.9610

253.8600, 3.2100,
-3.1100

45.2960, 31.0410,
-6.3910

26.0810, 21.6410,

-1.2310

■ 5.9800, 11.9200,
4.2400

■ 0.0000, 0.0000,
0.0000

■ 192.8020, 69.8780,
-21.9140

■ 192.8020, 69.8780,
-21.9140

■ 184.6690, 80.3780,
-24.9820

■ 200.3480, 59.6530,
-18.3230

■ 177.2370, 90.2820,
-28.2620

■ 208.3670, 49.4740,
-15.5660

■ 169.1040,
100.7820, -31.3300

■ 215.9130, 39.2490,
-11.9750

■ 168.0610,
102.3410, -32.0510

■ 224.0460, 28.7490,
-8.9070

■ 231.4780, 18.8450,
-5.6270

■ 239.6110, 8.3450,
-2.5590

■ 247.0430, -1.5590,
0.7210

■ 252.3090, -5.3640,
-1.9080

Harmonies

Analogous

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



186.1130, 71.3410, 1.1410



192.8020, 69.8780, -21.9140



187.9660, 30.5890, -42.2670

Triad

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



192.8020, 69.8780, -21.9140



159.6800, -138.2270, -44.4910



201.5610, 22.0910, 45.6990

Complementary

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



192.8020, 69.8780, -21.9140



131.1980, -69.8780, 21.9140

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.



190.8430, -32.5100, 16.4980



192.8020, 69.8780, -21.9140



158.7970, -142.6300, -36.2780

Square

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



192.8020, 69.8780, -21.9140



152.2530, -118.6920, -62.6280



151.7530, -139.3300, -30.0020



187.9730, 41.3020, 44.4540

Rectangle

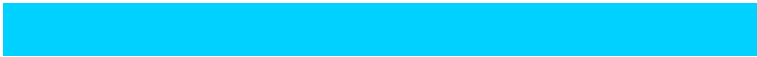
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



192.8020, 69.8780, -21.9140



182.1280, -5.2180, -48.6260



151.7530, -139.3300, -30.0020



199.3800, 6.1830, 36.6390

Sweetspot

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



192.8020, 69.8780, -21.9140



238.6200, 21.3210, -6.4470



134.9580, 81.1890, 53.9650



118.0090, 12.9760, -3.8880



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.



192.8020, 69.8780, -21.9140



188.9100, 86.8890, -27.3430



219.3730, 39.0280, -57.5480



118.2840, 4.9520, -1.6400



127.2280, 77.3060, -24.3740



39.9470, 24.7140, -7.3660

Inverse Universe

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



131.1980, -69.8780, 21.9140



112.0900, -86.8890, 27.3430



104.6270, -39.0280, 57.5480



113.7160, -4.9520, 1.6400



58.7720, -77.3060, 24.3740



18.4660, -24.4390, 7.8890

Previews

White Background



This preview shows how the YIQ color 192.8020, 69.8780, -21.9140 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 192.8020, 69.8780, -21.9140 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 192.8020, 69.8780, -21.9140

Background



This preview shows how black text looks on a background with the YIQ color 192.8020, 69.8780, -21.9140.



This preview shows how white text looks on a background with the YIQ color 192.8020, 69.8780, -21.9140.

-21.9140.

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

192.8020, 69.8780, -21.9140

Protanopia

191.2400, 50.6690, -31.7230

Deuteranopia

192.8020, 69.8780, -21.9140



Tritanopia

200.9180, 41.9940, 20.8900

Trichromacy



Original Color

192.8020, 69.8780, -21.9140

Protanomaly

191.4690, 57.4540, -28.0340

Deuteranomaly

192.8020, 69.8780, -21.9140

Tritanomaly

197.6950, 52.2670, 5.4110

Monochromacy



Original Color

192.8020, 69.8780, -21.9140

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.7190, 25.3560, -7.9880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.8020, 69.8780, -21.9140 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(246, 188, 78)` looks like.

```
.text, #text, p{  
    color:rgb(246, 188, 78)  
}
```

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(246, 188, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 188, 78) }
```

Border

The CSS property to change the border of an element to YIQ 192.8020, 69.8780, -21.9140 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(246, 188, 78) }
```


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

```
.border{ border-color:rgb(246, 188, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 188, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 188, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 188, 78);  
box-shadow:4px 4px 4px 4px rgb(246, 188,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 192.8020, 69.8780, -21.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 188, 78) }
```

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

```
.background{ background-color: rgb(246,  
188, 78) }
```

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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