

Converting Colors

YIQ(191.6500, 64.1940,
-29.0380)

Have a look what the booklet for
YIQ(191.6500, 64.1940, -29.0380)
contains.

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Color

**YIQ(191.6500, 64.1940,
-29.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC147
RGB	235, 193, 71
RGB Percent	92%, 76%, 28%
CMY	0.0784, 0.2432, 0.7212
CMYK	0.00, 0.18, 0.70, 0.08
HSL	45°, 80%, 60%
HSV	45°, 70%, 92%
XYZ	54.4692, 56.2513, 13.9630
YIQ	191.6500, 64.1940, -29.0380

Conversions

Conversions Part 2

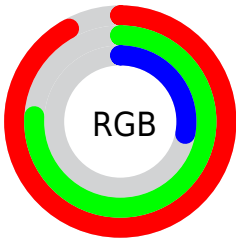
Format	Color
RYB	127, 235, 71
Decimal	15450439
CIELab	79.76, 2.57, 64.24
CIELCh	80, 64.293, 87.711
Yxy	56.2513, 0.4369, 0.4512
Android (android.graphics.Color)	4293640519 (0xFFEBC147)
YUV	191.6500, -59.4804, 38.0180
Hunter-Lab	75.0008, -1.6163, 41.4625

Details

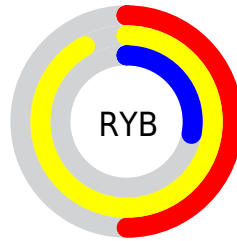
The YIQ color **191.6500, 64.1940, -29.0380** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **114.3500, -64.1940, 29.0380**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7720, 43.0590, -36.9810**, and **134.6190, 65.4790, -35.8090** is the 20% darker color. If you saturate the color by 10%, you get **185.5060, 73.2270, -33.0530**, and if you desaturate by 10%, it is **197.9080, 54.8400, -24.7120**.

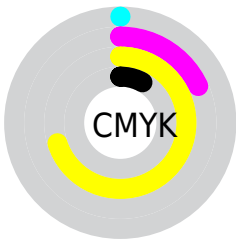
Distribution



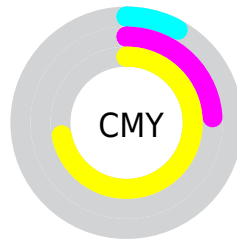
- Red (92%)
- Green (76%)
- Blue (28%)



- Red (50%)
- Yellow (92%)
- Blue (28%)



- Cyan (0%)
- Magenta (18%)
- Yellow (70%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.6500, 64.1940, -29.0380 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 191.6500, 64.1940, -29.0380 by changing the saturation by 10% instead.

191.6500, 64.1940,
-29.0380

191.6500, 64.1940,
-29.0380

255.0000, -0.0000,
-0.0000

163.5250, 63.0480,
-30.2960

236.7720, 43.0590,
-36.9810

134.6190, 65.4790,
-35.8090

243.3720, 32.7420,
-31.7220

111.1590, 55.3910,
-29.1930

246.5640, 23.7540,
-23.0140

88.1120, 45.5780,
-22.0540

249.8700, 14.4450,
-13.9950

66.2390, 35.2150,
-15.9610

253.1760, 5.1360,
-4.9760

45.2520, 25.1730,
-10.1790

26.0370, 15.7730,

-5.0190

■ 1.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,
0.0000

■ 191.6500, 64.1940,
-29.0380

■ 191.6500, 64.1940,
-29.0380

■ 185.5060, 73.2270,
-33.0530

■ 197.9080, 54.8400,
-24.7120

■ 179.2480, 82.5810,
-37.3790

■ 204.0520, 45.8070,
-20.6970

■ 173.1040, 91.6140,
-41.3940

■ 210.3100, 36.4530,
-16.3710

■ 172.9900, 91.9350,
-41.7050

■ 216.4540, 27.4200,
-12.3560

■ 222.7120, 18.0660,
-8.0300

■ 228.8560, 9.0330,
-4.0150

■ 235.1140, -0.3210,
0.3110

■ 240.8020, -8.0700,
3.0820

■ 244.3240, -9.7200,
-0.0560

Harmonies

Analogous

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



187.0930, 74.0930, -4.6830



191.6500, 64.1940, -29.0380



186.1710, 19.5860, -46.6060

Triad

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



191.6500, 64.1940, -29.0380



161.9770, -143.3170, -40.3490



199.2350, 26.1250, 49.6850

Complementary

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



191.6500, 64.1940, -29.0380



114.3500, -64.1940, 29.0380

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.



194.4860, -18.0230, 23.7770



191.6500, 64.1940, -29.0380



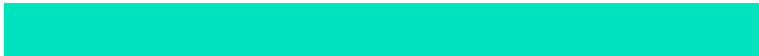
158.2100, -142.3550, -35.7550

Square

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



191.6500, 64.1940, -29.0380



155.0230, -123.7360, -59.3200



160.4570, -117.6450, -21.0130



184.7300, 46.3000, 41.9800

Rectangle

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



191.6500, 64.1940, -29.0380



179.4080, -20.8060, -52.4700



160.4570, -117.6450, -21.0130



200.6530, 18.8360, 44.1160

Sweetspot

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



191.6500, 64.1940, -29.0380



240.6260, 21.1840, -9.4720



125.0520, 83.6200, 48.4520



119.0690, 12.7470, -5.2450



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.



191.6500, 64.1940, -29.0380



198.3190, 83.8190, -37.7890



204.9420, 29.9960, -59.0600



113.9850, 4.3560, -1.8520



133.3640, 70.7510, -32.2330



39.6260, 21.1840, -9.4720

Inverse Universe

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



114.3500, -64.1940, 29.0380



97.6810, -83.8190, 37.7890



101.0580, -29.9960, 59.0600



109.0150, -4.3560, 1.8520



47.6360, -70.7510, 32.2330



14.3740, -21.1840, 9.4720

Previews

White Background



This preview shows how the YIQ color 191.6500, 64.1940, -29.0380 looks on a white background.

Color Contrast Check

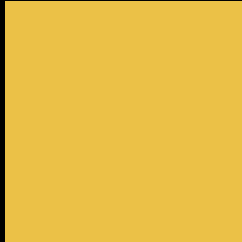
Large Text (above 18pt) WCAG AA × Fail

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 191.6500, 64.1940, -29.0380 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 191.6500, 64.1940, -29.0380

Background



This preview shows how black text looks on a background with the YIQ color 191.6500, 64.1940, -29.0380.



This preview shows how white text looks on a background with the YIQ color 191.6500, 64.1940,

-29.0380.

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

191.6500, 64.1940, -29.0380

Protanopia

190.6270, 53.8330, -33.9990

Deuteranopia

192.5310, 72.0790, -23.2570



Tritanopia

201.4330, 33.0540, 17.7100

Trichromacy



Original Color

191.6500, 64.1940, -29.0380

Protanomaly

190.8340, 57.6840, -32.2040

Deuteranomaly

192.3950, 69.4660, -25.4620

Tritanomaly

197.7540, 44.6110, 0.9870

Monochromacy



Original Color

191.6500, 64.1940, -29.0380

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

191.7680, 23.6600, -10.2920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.6500, 64.1940, -29.0380 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(235, 193, 71)` looks like.

```
.text, #text, p{  
    color:rgb(235, 193, 71)  
}
```

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(235, 193, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 193, 71) }
```

Border

The CSS property to change the border of an element to YIQ 191.6500, 64.1940, -29.0380 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(235, 193, 71) }
```


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

```
.border{ border-color:rgb(235, 193, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 193, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 193, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 193, 71);  
box-shadow:4px 4px 4px 4px rgb(235, 193,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 191.6500, 64.1940, -29.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 193, 71) }
```

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

```
.background{ background-color: rgb(235,  
193, 71) }
```

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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