

Converting Colors

YIQ(189.8890, 65.0190,
-27.4690)

Have a look what the booklet for
YIQ(189.8890, 65.0190, -27.4690)
contains.

YIQ(189.8890, 65.0190, -27.4690)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(189.8890, 65.0190,
-27.4690)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBE47
RGB	235, 190, 71
RGB Percent	92%, 75%, 28%
CMY	0.0784, 0.2550, 0.7212
CMYK	0.00, 0.19, 0.70, 0.08
HSL	44°, 80%, 60%
HSV	44°, 70%, 92%
XYZ	53.8132, 54.9383, 13.7442
YIQ	189.8890, 65.0190, -27.4690

Conversions

Conversions Part 2

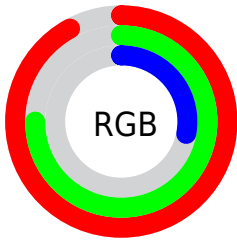
Format	Color
RYB	133, 235, 71
Decimal	15449671
CIELab	79.01, 4.13, 63.48
CIELCh	79, 63.611, 86.277
Yxy	54.9383, 0.4393, 0.4485
Android (android.graphics.Color)	4293639751 (0xFFEBBE47)
YUV	189.8890, -58.6123, 39.5623
Hunter-Lab	74.1203, -0.1152, 40.8901

Details

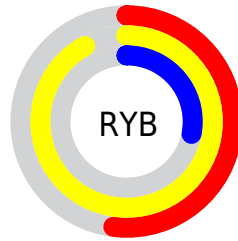
The YIQ color **189.8890, 65.0190, -27.4690** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **116.1110, -65.0190, 27.4690**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.8970, 44.2050, -35.7230**, and **132.9720, 65.9830, -33.9290** is the 20% darker color. If you saturate the color by 10%, you get **183.7450, 74.0520, -31.4840**, and if you desaturate by 10%, it is **196.1470, 55.6650, -23.1430**.

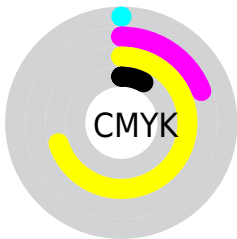
Distribution



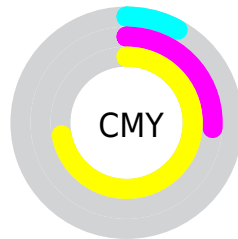
- Red (92%)
- Green (75%)
- Blue (28%)



- Red (52%)
- Yellow (92%)
- Blue (28%)



- Cyan (0%)
- Magenta (19%)
- Yellow (70%)
- Black (8%)



- Cyan (8%)
- Magenta (26%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.8890, 65.0190, -27.4690 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 189.8890, 65.0190, -27.4690 by changing the saturation by 10% instead.

189.8890, 65.0190,
-27.4690

189.8890, 65.0190,
-27.4690

255.0000, -0.0000,
-0.0000

161.8780, 63.5520,
-28.4160

234.8970, 44.2050,
-35.7230

133.0860, 65.6620,
-33.6180

243.3720, 32.7420,
-31.7220

109.3980, 56.2160,
-27.6240

246.5640, 23.7540,
-23.0140

86.9380, 46.1280,
-21.0080

249.7560, 14.7660,
-14.3060

65.0650, 35.7650,
-14.9150

253.1760, 5.1360,
-4.9760

44.0780, 25.7230,
-9.1330

24.8630, 16.3230,

-3.9730

■ 0.0000, 0.0000,
0.0000

■ 189.8890, 65.0190,
-27.4690

■ 189.8890, 65.0190,
-27.4690

■ 183.7450, 74.0520,
-31.4840

■ 196.1470, 55.6650,
-23.1430

■ 176.9000, 83.6810,
-35.2870

■ 202.8780, 46.3570,
-19.6510

■ 170.7560, 92.7140,
-39.3020

■ 209.1360, 37.0030,
-15.3250

■ 170.0550, 93.3100,
-39.0900

■ 215.8670, 27.6950,
-11.8330

■ 222.1250, 18.3410,
-7.5070

■ 228.8560, 9.0330,
-4.0150

■ 235.1140, -0.3210,
0.3110

■ 241.3890, -8.3450,
2.5590

■ 244.9110, -9.9950,
-0.5790

Harmonies

Analogous

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



186.0330, 74.3220, -3.3260



189.8890, 65.0190, -27.4690



184.4810, 21.6490, -45.4470

Triad

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



189.8890, 65.0190, -27.4690



159.5320, -140.5660, -40.6460



198.6480, 26.4000, 50.2080

Complementary

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



189.8890, 65.0190, -27.4690



116.1110, -65.0190, 27.4690

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.



192.1050, -21.3240, 23.0280



189.8890, 65.0190, -27.4690



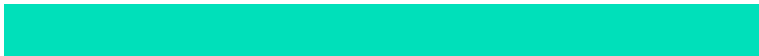
157.0360, -141.8050, -34.7090

Square

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



189.8890, 65.0190, -27.4690



152.6920, -121.3060, -59.3060



149.1170, -137.3590, -27.1750



184.2570, 46.2540, 42.8140

Rectangle

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



189.8890, 65.0190, -27.4690



178.2020, -17.2300, -51.1980



149.1170, -137.3590, -27.1750



198.8590, 15.2600, 42.8440

Sweetspot

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



189.8890, 65.0190, -27.4690



240.0390, 21.4590, -8.9490



125.3940, 82.6570, 49.3850



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.



189.8890, 65.0190, -27.4690



195.9710, 84.9190, -35.6970



205.5400, 31.1880, -58.6360



113.9850, 4.3560, -1.8520



131.0160, 71.8510, -30.1410



39.0390, 21.4590, -8.9490

Inverse Universe

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



116.1110, -65.0190, 27.4690



100.0290, -84.9190, 35.6970



100.4600, -31.1880, 58.6360



109.0150, -4.3560, 1.8520



49.9840, -71.8510, 30.1410



14.9610, -21.4590, 8.9490

Previews

White Background



This preview shows how the YIQ color 189.8890, 65.0190, -27.4690 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 189.8890, 65.0190, -27.4690 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 189.8890, 65.0190, -27.4690

Background



This preview shows how black text looks on a background with the YIQ color 189.8890, 65.0190, -27.4690.



This preview shows how white text looks on a background with the YIQ color 189.8890, 65.0190,

-27.4690.

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

189.8890, 65.0190, -27.4690

Protanopia

188.8550, 53.1910, -33.3770

Deuteranopia

190.3460, 71.1620, -23.1580



Tritanopia

199.3300, 34.8420, 18.3460

Trichromacy



Original Color

189.8890, 65.0190, -27.4690

Protanomaly

189.3610, 57.6380, -31.3700

Deuteranomaly

190.0360, 69.0990, -24.3170

Tritanomaly

195.7650, 46.0780, 1.9340

Monochromacy



Original Color

189.8890, 65.0190, -27.4690

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.8820, 23.3390, -9.9810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.8890, 65.0190, -27.4690 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, 190, 71)` looks like.

```
.text, #text, p{  
    color:rgb(235, 190, 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, 190, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 190, 71) }
```

Border

The CSS property to change the border of an element to YIQ 189.8890, 65.0190, -27.4690 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, 190, 71) }
```


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

```
.border{ border-color:rgb(235, 190, 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, 190, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 190, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 190, 71);  
box-shadow:4px 4px 4px 4px rgb(235, 190,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 189.8890, 65.0190, -27.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 190, 71) }
```

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

```
.background{ background-color: rgb(235,  
190, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor