

Converting Colors

YIQ(191.0410, 53.5080,
-11.5800)

Have a look what the booklet for
YIQ(191.0410, 53.5080, -11.5800)
contains.

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Color

**YIQ(191.0410, 53.5080,
-11.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB870
RGB	235, 184, 112
RGB Percent	92%, 72%, 44%
CMY	0.0784, 0.2785, 0.5605
CMYK	0.00, 0.22, 0.52, 0.08
HSL	35°, 75%, 68%
HSV	35°, 52%, 92%
XYZ	54.3318, 53.1089, 22.7366
YIQ	191.0410, 53.5080, -11.5800

Conversions

Conversions Part 2

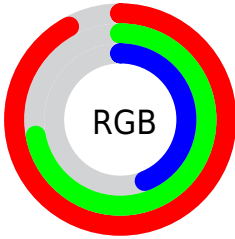
Format	Color
RYB	199, 235, 112
Decimal	15448176
CIELab	77.94, 10.05, 43.31
CIElCh	78, 44.461, 76.933
Yxy	53.1089, 0.4174, 0.4080
Android (android.graphics.Color)	4293638256 (0xFFEBB870)
YUV	191.0410, -38.9672, 38.5520
Hunter-Lab	72.8758, 5.5462, 32.5151

Details

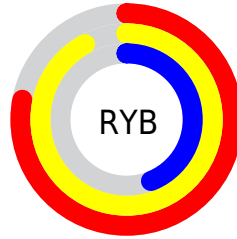
The YIQ color **191.0410, 53.5080, -11.5800** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **155.9590, -53.5080, 11.5800**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.9350, 33.0150, -20.1450**, and **136.5890, 48.9690, -11.9190** is the 20% darker color. If you saturate the color by 10%, you get **182.5490, 63.6410, -13.5030**, and if you desaturate by 10%, it is **199.6470, 43.0540, -9.3460**.

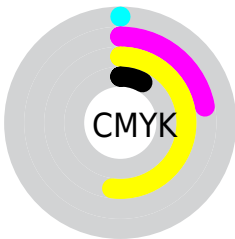
Distribution



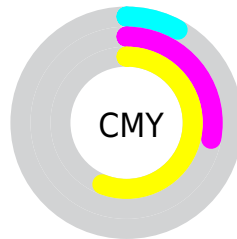
- Red (92%)
- Green (72%)
- Blue (44%)



- Red (78%)
- Yellow (92%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (52%)
- Black (8%)



- Cyan (8%)
- Magenta (28%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.0410, 53.5080, -11.5800 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 191.0410, 53.5080, -11.5800 by changing the saturation by 10% instead.

191.0410, 53.5080,
-11.5800

191.0410, 53.5080,
-11.5800

255.0000, -0.0000,
-0.0000

163.3720, 51.0780,
-11.5940

235.9350, 33.0150,
-20.1450

136.8880, 49.5650,
-11.7070

247.9320, 19.9020,
-19.2820

110.6920, 47.1810,
-12.5550

251.1240, 10.9140,
-10.5740

85.1540, 45.7600,
-14.3360

254.4300, 1.6050,
-1.5550

62.4400, 39.2030,
-11.1410

41.7520, 29.7570,
-5.1470

22.2380, 19.7610,

-0.1990

■ 0.8970, 1.7880,
0.6360

■ 0.0000, 0.0000,
0.0000

■ 191.0410, 53.5080,
-11.5800

■ 191.0410, 53.5080,
-11.5800

■ 182.5490, 63.6410,
-13.5030

■ 199.6470, 43.0540,
-9.3460

■ 173.9430, 74.0950,
-15.7370

■ 207.5520, 33.1960,
-6.9000

■ 166.0380, 83.9530,
-18.1830

■ 216.1580, 22.7420,
-4.6660

■ 157.4320, 94.4070,
-20.4170

■ 224.6500, 12.6090,
-2.7430

150.6840,
102.3850, -21.8310

233.2560, 2.1550,
-0.5090

241.7480, -7.9780,
1.4140

247.2590,
-11.0950, -2.6710

249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



191.3110, 62.2160, 6.8240



191.0410, 53.5080, -11.5800



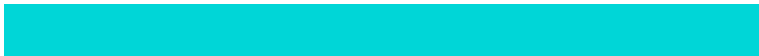
187.5980, 26.4140, -27.1700

Triad

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



191.0410, 53.5080, -11.5800



150.1280, -127.8650, -45.0570



197.5110, 7.1920, 34.8720

Complementary

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



191.0410, 53.5080, -11.5800



155.9590, -53.5080, 11.5800

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



191.0410, 53.5080, -11.5800



152.5850, -138.9170, -31.9810

Square

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



191.0410, 53.5080, -11.5800



172.8590, -58.0840, -37.6680



176.0490, -80.7850, -6.2010



195.6210, 39.0570, 35.5770

Rectangle

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



191.0410, 53.5080, -11.5800



184.2190, 2.4360, -33.1480



176.0490, -80.7850, -6.2010



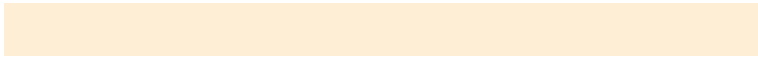
196.3460, -5.6450, 30.7310

Sweetspot

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



191.0410, 53.5080, -11.5800



240.3470, 17.8360, -3.8600



154.5910, 56.9370, 41.9370



118.6930, 11.0500, -2.0220



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.



191.0410, 53.5080, -11.5800



197.3170, 70.1060, -15.0300



217.9880, 33.5230, -40.3730



112.8110, 4.9060, -0.8060



116.3410, 78.7260, -17.0660



34.3430, 23.6590, -4.7650

Inverse Universe

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



155.9590, -53.5080, 11.5800



151.6830, -70.1060, 15.0300



129.0120, -33.5230, 40.3730



109.6020, -4.6310, 1.3290



64.6590, -78.7260, 17.0660



19.0700, -23.3840, 5.2880

Previews

White Background



This preview shows how the YIQ color 191.0410, 53.5080, -11.5800 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 191.0410, 53.5080, -11.5800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

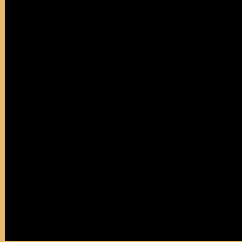
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 191.0410, 53.5080, -11.5800

Background



This preview shows how black text looks on a background with the YIQ color 191.0410, 53.5080, -11.5800.



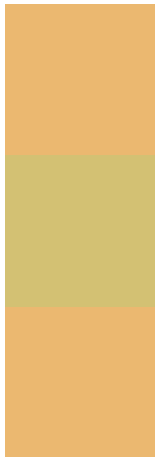
This preview shows how white text looks on a background with the YIQ color 191.0410, 53.5080, -11.5800.

-11.5800.

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

191.0410, 53.5080, -11.5800

Protanopia

189.4900, 35.7660, -20.4420

Deuteranopia

191.0410, 53.5080, -11.5800



Tritanopia

196.5150, 35.7590, 18.2470

Trichromacy



Original Color

191.0410, 53.5080, -11.5800

Protanomaly

190.3060, 42.2760, -17.2760

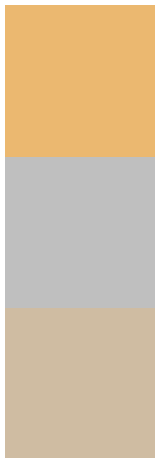
Deuteranomaly

191.0410, 53.5080, -11.5800

Tritanomaly

194.1870, 42.1340, 7.3340

Monochromacy



Original Color

191.0410, 53.5080, -11.5800

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.7170, 19.6700, -4.0580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.0410, 53.5080, -11.5800 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, 184, 112)` looks like.

```
.text, #text, p{  
    color:rgb(235, 184, 112)  
}
```

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, 184, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 184, 112) }
```

Border

The CSS property to change the border of an element to YIQ 191.0410, 53.5080, -11.5800 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, 184, 112) }
```


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

```
.border{ border-color:rgb(235, 184, 112) }
```

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

Here you see how a box with a 4 pixel rgb(235, 184, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 184, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 184, 112);  
box-shadow:4px 4px 4px 4px rgb(235, 184,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 191.0410, 53.5080, -11.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 184, 112) }
```

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

```
.background{ background-color: rgb(235,  
184, 112) }
```

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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