

Converting Colors

YIQ(195.2290, 41.1750,
-13.8410)

Have a look what the booklet for
YIQ(195.2290, 41.1750, -13.8410)
contains.

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Color

**YIQ(195.2290, 41.1750,
-13.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C17E
RGB	226, 193, 126
RGB Percent	89%, 76%, 49%
CMY	0.1137, 0.2432, 0.5057
CMYK	0.00, 0.15, 0.44, 0.11
HSL	40°, 63%, 69%
HSV	40°, 44%, 89%
XYZ	54.2033, 55.8118, 27.6732
YIQ	195.2290, 41.1750, -13.8410

Conversions

Conversions Part 2

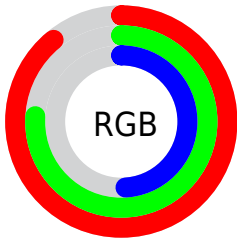
Format	Color
RYB	175, 226, 126
Decimal	14860670
CIELab	79.51, 2.97, 37.98
CIElCh	80, 38.096, 85.531
Yxy	55.8118, 0.3937, 0.4053
Android (android.graphics.Color)	4293050750 (0xFFE2C17E)
YUV	195.2290, -34.1299, 26.9862
Hunter-Lab	74.7073, -1.2284, 30.3328

Details

The YIQ color **195.2290, 41.1750, -13.8410** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **156.7710, -41.1750, 13.8410**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.9280, 25.7250, -20.1870**, and **141.3750, 37.8280, -13.7560** is the 20% darker color. If you saturate the color by 10%, you get **188.4980, 50.4830, -17.3330**, and if you desaturate by 10%, it is **201.9600, 31.8670, -10.3490**.

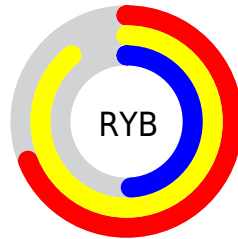
Distribution



Red (89%)

Green (76%)

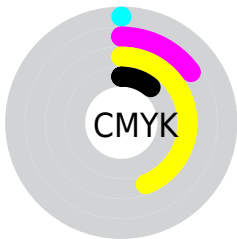
Blue (49%)



Red (69%)

Yellow (89%)

Blue (49%)

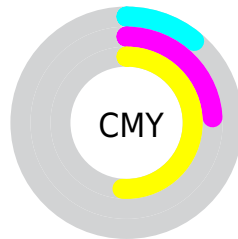


Cyan (0%)

Magenta (15%)

Yellow (44%)

Black (11%)



Cyan (11%)

Magenta (24%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.2290, 41.1750, -13.8410 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 195.2290, 41.1750, -13.8410 by changing the saturation by 10% instead.

■ 195.2290, 41.1750,
-13.8410

■ 195.2290, 41.1750,
-13.8410

255.0000, -0.0000,
-0.0000

■ 167.7450, 39.6620,
-13.9540

■ 242.9280, 25.7250,
-20.1870

■ 141.3750, 37.8280,
-13.7560

■ 249.5280, 15.4080,
-14.9280

■ 114.8910, 36.3150,
-13.8690

■ 252.8340, 6.0990,
-5.9090

■ 90.1080, 34.2060,
-14.1940

■ 65.8690, 33.3810,
-15.7630

■ 45.2520, 25.1730,
-10.1790

■ 25.4500, 16.0480,

-4.4960

■ 0.5980, 1.1920,
0.4240

■ 0.0000, 0.0000,
0.0000

■ 195.2290, 41.1750,
-13.8410

■ 195.2290, 41.1750,
-13.8410

■ 188.4980, 50.4830,
-17.3330

■ 201.9600, 31.8670,
-10.3490

■ 181.2940, 59.7450,
-19.9910

■ 209.1640, 22.6050,
-7.6910

■ 174.5630, 69.0530,
-23.4830

■ 215.8950, 13.2970,
-4.1990

■ 167.3590, 78.3150,
-26.1410

■ 223.0990, 4.0350,
-1.5410

■ 160.6280, 87.6230,
-29.6330

■ 229.8300, -5.2730,
1.9510

■ 156.2110, 93.1710,
-31.0610

■ 236.3500,
-12.6090, 2.7430

■ 240.4590,
-14.5340, -0.9180

■ 245.1550,
-16.7340, -5.1020

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



197.8540, 56.0730, 2.5130



195.2290, 41.1750, -13.8410



191.6060, 14.7680, -25.3600

Triad

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



195.2290, 41.1750, -13.8410



173.7850, -89.6300, -27.6300



202.4810, 15.9040, 31.1680

Complementary

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



195.2290, 41.1750, -13.8410



156.7710, -41.1750, 13.8410

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.



198.6060, -18.4810, 21.0630



195.2290, 41.1750, -13.8410



178.6410, -88.6240, -12.8160

Square

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



195.2290, 41.1750, -13.8410



179.8470, -57.8100, -31.6180



189.2050, -54.5610, 3.1270



199.2910, 39.7460, 28.5940

Rectangle

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



195.2290, 41.1750, -13.8410



188.6510, -7.4680, -29.8680



189.2050, -54.5610, 3.1270



201.6800, 5.0380, 29.8540

Sweetspot

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



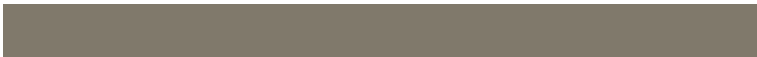
195.2290, 41.1750, -13.8410



244.7810, 13.6180, -4.5100



159.6620, 49.0070, 31.4630



121.4970, 8.6660, -2.8700



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.



195.2290, 41.1750, -13.8410



213.1950, 55.7100, -18.4500



209.5170, 21.9680, -34.7040



108.3980, 4.6310, -1.3290



121.8900, 72.4460, -24.4020



33.1360, 19.8080, -6.5600

Inverse Universe

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



156.7710, -41.1750, 13.8410



161.2180, -55.4350, 18.9730



142.4830, -21.9680, 34.7040



104.6020, -4.6310, 1.3290



54.1100, -72.4460, 24.4020



14.8640, -19.8080, 6.5600

Previews

White Background



This preview shows how the YIQ color 195.2290, 41.1750, -13.8410 looks on a white background.

Color Contrast Check

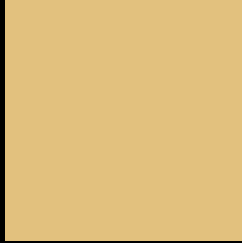
Large Text (above 18pt) WCAG AA × Fail

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 195.2290, 41.1750, -13.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

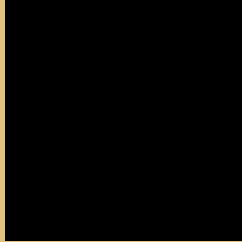
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.2290, 41.1750, -13.8410

Background



This preview shows how black text looks on a background with the YIQ color 195.2290, 41.1750, -13.8410.



This preview shows how white text looks on a background with the YIQ color 195.2290, 41.1750, -13.8410.

-13.8410.

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

195.2290, 41.1750, -13.8410

Protanopia

194.2170, 32.2810, -17.8550

Deuteranopia

195.6970, 48.7850, -8.5830



Tritanopia

200.2470, 24.7100, 14.7420

Trichromacy



Original Color

195.2290, 41.1750, -13.8410

Protanomaly

194.7120, 35.2610, -16.7950

Deuteranomaly

195.6750, 45.8510, -10.4770

Tritanomaly

198.1470, 30.4430, 4.4510

Monochromacy



Original Color

195.2290, 41.1750, -13.8410

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.8520, 14.8560, -4.9200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.2290, 41.1750, -13.8410 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(226, 193, 126)` looks like.

```
.text, #text, p{  
    color:rgb(226, 193, 126)  
}
```

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(226, 193, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 193, 126) }
```

Border

The CSS property to change the border of an element to YIQ 195.2290, 41.1750, -13.8410 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(226, 193, 126) }
```


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

```
.border{ border-color:rgb(226, 193, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 193, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 193, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 193, 126); box-shadow:4px 4px 4px 4px rgb(226, 193, 126) }
```

Background

The CSS property to change the background color of an element to YIQ 195.2290, 41.1750, -13.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 193, 126) }
```

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

```
.background{ background-color: rgb(226,  
193, 126) }
```

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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