

# Converting Colors

YIQ(200.4410, 29.4350, 0.6910)

Have a look what the booklet for  
YIQ(200.4410, 29.4350, 0.6910)  
contains.

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# Color

**YIQ(200.4410, 29.4350,  
0.6910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5C0A9
RGB	229, 192, 169
RGB Percent	90%, 75%, 66%
CMY	0.1019, 0.2471, 0.3371
CMYK	0.00, 0.16, 0.26, 0.10
HSL	23°, 54%, 78%
HSV	23°, 26%, 90%
XYZ	58.3300, 57.2194, 45.5231
YIQ	200.4410, 29.4350, 0.6910

# Conversions

## Conversions Part 2

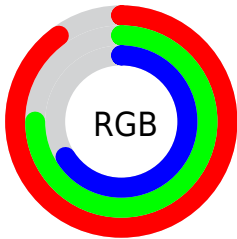
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 206, 169
Decimal	15057065
CIE <sub>Lab</sub>	80.30, 9.80, 16.49
CIE <sub>LCh</sub>	80, 19.183, 59.269
Yxy	57.2194, 0.3621, 0.3552
Android (android.graphics.Color)	4293247145 (0xFFE5C0A9)
YUV	200.4410, -15.5004, 25.0462
Hunter-Lab	75.6435, 5.2682, 17.2690

# Details

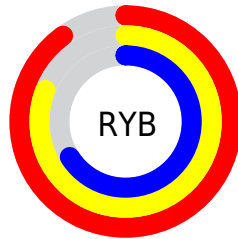
The YIQ color  $200.4410, 29.4350, 0.6910$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $197.5590, -29.4350, -0.6910$ , and the grayscale version is  $201.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.3570, 11.8760, -5.9800$ , and  $146.6580, 27.3260, 0.3660$  is the 20% darker color. If you saturate the color by 10%, you get  $189.6010, 40.6680, 0.8600$ , and if you desaturate by 10%, it is  $211.2810, 18.2020, 0.5220$ .

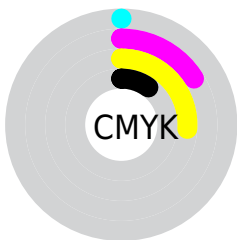
# Distribution



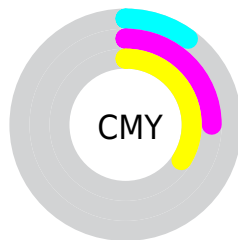
- Red (90%)
- Green (75%)
- Blue (66%)



- Red (90%)
- Yellow (81%)
- Blue (66%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (10%)




- Cyan (10%)
- Magenta (25%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 200.4410, 29.4350, 0.6910 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 200.4410, 29.4350, 0.6910 by changing the saturation by 10% instead.





 200.4410, 29.4350,  
0.6910

 200.4410, 29.4350,  
0.6910


255.0000, -0.0000,  
-0.0000


 173.2560, 28.5180,  
0.7900


 247.3570, 11.8760,  
-5.9800


 146.6580, 27.3260,  
0.3660

254.7720, 0.6420,  
-0.6220

 120.4730, 26.4090,  
0.4650

 95.6900, 24.3000,  
0.1400

 71.5050, 23.3830,  
0.2390

 48.7220, 21.2740,  
-0.0860

 26.6680, 21.3660,

-1.7540

■ 6.5780, 13.1120,  
4.6640

■ 0.0000, 0.0000,  
0.0000

■ 200.4410, 29.4350,  
0.6910

■ 200.4410, 29.4350,  
0.6910

■ 189.6010, 40.6680,  
0.8600

■ 211.2810, 18.2020,  
0.5220

■ 178.7610, 51.9010,  
1.0290

■ 222.1210, 6.9690,  
0.3530

■ 167.9210, 63.1340,  
1.1980

■ 232.9610, -4.2640,  
0.1840

■ 156.4940, 74.6420,  
1.8900

■ 243.7040,  
-13.8460, -2.3740

■ 145.7680, 85.5540,  
2.3700

■ 247.2260,  
-15.4960, -5.5120

■ 134.9280, 96.7870,  
2.5390

■ 124.0880,  
108.0200, 2.7080

■ 120.1270,  
112.2840, 2.5240

# Harmonies

## Analogous

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



201.9670, 31.1300, 8.5220



200.4410, 29.4350, 0.6910



198.9080, 20.4500, -7.1820

# Triad

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



200.4410, 29.4350, 0.6910



193.0840, -27.1400, -14.7560



201.0830, -7.0630, 12.3690

# Complementary

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



200.4410, 29.4350, 0.6910



197.5590, -29.4350, -0.6910

# 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.



198.2980, -24.0260, 5.9100



200.4410, 29.4350, 0.6910



192.7550, -36.2190, -9.9070

# Square

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



200.4410, 29.4350, 0.6910



194.6420, -11.2760, -15.9160



194.5690, -35.3950, -2.8110



202.1730, 10.3590, 16.0150



# Rectangle

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



200.4410, 29.4350, 0.6910



197.4830, 11.2810, -11.7190



194.5690, -35.3950, -2.8110



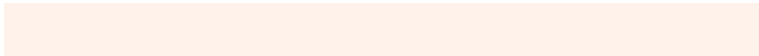
200.2070, -13.3440, 10.5600

# Sweetspot

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



200.4410, 29.4350, 0.6910



245.0890, 9.9950, 0.5790



191.2720, 23.5620, 24.5380



121.8220, 6.3730, 0.1410



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.



200.4410, 29.4350, 0.6910



217.2310, 38.8340, 1.0580



217.4640, 21.4600, -14.4760



109.5230, 5.7770, -0.0710



93.4370, 87.9840, 2.3840



26.9890, 24.8960, 0.3520

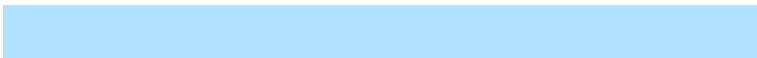


# Inverse Universe

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



197.5590, -29.4350, -0.6910



213.7690, -38.8340, -1.0580



180.5360, -21.4600, 14.4760



108.4770, -5.7770, 0.0710



84.9760, -87.7090, -1.8610



24.0110, -24.8960, -0.3520



# Previews

## White Background



This preview shows how the YIQ color 200.4410, 29.4350, 0.6910 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

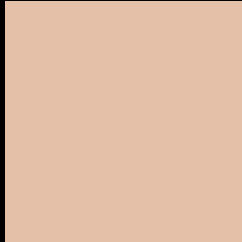
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 200.4410, 29.4350, 0.6910 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

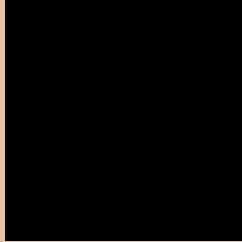
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 200.4410, 29.4350, 0.6910

## Background



This preview shows how black text looks on a background with the YIQ color 200.4410, 29.4350, 0.6910.



This preview shows how white text looks on a background with the YIQ color 200.4410, 29.4350,

0.6910.

# 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

200.4410, 29.4350, 0.6910

### Protanopia

198.9120, 14.6270, -6.2770

### Deuteranopia

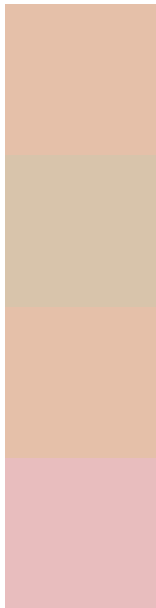
200.4410, 29.4350, 0.6910



## Tritanopia

202.4640, 22.6010, 14.4170

# Trichromacy



## Original Color

200.4410, 29.4350, 0.6910

## Protanomaly

199.1300, 19.9450, -3.5350

## Deuteranomaly

200.4410, 29.4350, 0.6910

## Tritanomaly

201.9710, 25.3070, 9.4270

# Monochromacy



## Original Color

200.4410, 29.4350, 0.6910

## Achromatopsia

200.0000, -0.0000, -0.0000

## Achromatomaly

200.2740, 10.9120, 0.4800

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 200.4410, 29.4350, 0.6910 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(229, 192, 169)` looks like.

```
.text, #text, p{  
    color:rgb(229, 192, 169)  
}
```

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(229, 192, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 192, 169) }
```

## Border

The CSS property to change the border of an element to YIQ 200.4410, 29.4350, 0.6910 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(229, 192, 169) }
```



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

```
.border{ border-color:rgb(229, 192, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 192, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 192, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 192, 169);  
box-shadow:4px 4px 4px 4px rgb(229, 192,  
169) }
```

# Background

The CSS property to change the background color of an element to YIQ 200.4410, 29.4350, 0.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 192, 169) }
```

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

```
.background{ background-color: rgb(229,  
192, 169) }
```

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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