

# Converting Colors

YIQ(210.8290, 13.6630, 0.1830)

Have a look what the booklet for  
YIQ(210.8290, 13.6630, 0.1830)  
contains.

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# Color

**YIQ(210.8290, 13.6630,  
0.1830)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0CFC4
RGB	224, 207, 196
RGB Percent	88%, 81%, 77%
CMY	0.1215, 0.1882, 0.2313
CMYK	0.00, 0.08, 0.12, 0.12
HSL	24°, 31%, 82%
HSV	24°, 12%, 88%
XYZ	63.0198, 64.4571, 61.3541
YIQ	210.8290, 13.6630, 0.1830

# Conversions

## Conversions Part 2

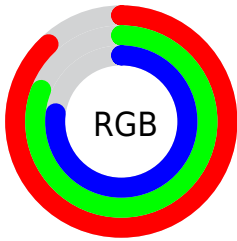
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 214, 196
Decimal	14733252
CIE Lab	84.20, 4.09, 7.57
CIE LCh	84, 8.604, 61.645
Yxy	64.4571, 0.3337, 0.3413
Android (android.graphics.Color)	4292923332 (0xFFE0CFC4)
YUV	210.8290, -7.3107, 11.5510
Hunter-Lab	80.2852, -0.3855, 10.8901

# Details

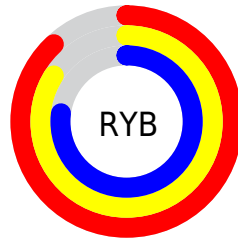
The YIQ color  $210.8290, 13.6630, 0.1830$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $209.1710, -13.6630, -0.1830$ , and the grayscale version is  $211.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $254.7720, 0.6420, -0.6220$ , and  $156.5300, 13.0670, -0.0290$  is the 20% darker color. If you saturate the color by 10%, you get  $200.1030, 24.5750, 0.6630$ , and if you desaturate by 10%, it is  $221.5550, 2.7510, -0.2970$ .

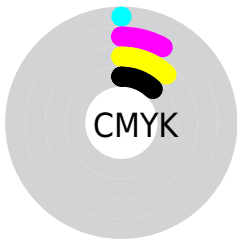
# Distribution



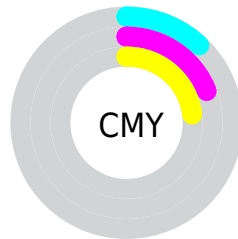
- Red (88%)
- Green (81%)
- Blue (77%)



- Red (88%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (12%)



- Cyan (12%)
- Magenta (19%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 210.8290, 13.6630, 0.1830 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 210.8290, 13.6630, 0.1830 by changing the saturation by 10% instead.



■ 210.8290, 13.6630,  
0.1830

■ 210.8290, 13.6630,  
0.1830

255.0000, -0.0000,  
-0.0000

■ 182.9430, 13.3420,  
0.4940

254.7720, 0.6420,  
-0.6220

■ 156.5300, 13.0670,  
-0.0290

■ 130.3450, 12.1500,  
0.0700

■ 105.0460, 11.5540,  
-0.1420

■ 81.1600, 11.2330,  
0.1690

■ 57.8610, 10.6370,  
-0.0430

■ 36.3770, 9.1240,

-0.1560

■ 14.2310, 12.4710,  
-0.2410

■ 0.0000, 0.0000,  
0.0000

■ 210.8290, 13.6630,  
0.1830

■ 210.8290, 13.6630,  
0.1830

■ 200.1030, 24.5750,  
0.6630

■ 221.5550, 2.7510,  
-0.2970

■ 189.8500, 35.5330,  
0.3090

■ 231.8080, -8.2070,  
0.0570

■ 179.1240, 46.4450,  
0.7890

■ 241.6220,  
-16.5510, -2.9110

■ 168.8710, 57.4030,  
0.4350

■ 245.7310,  
-18.4760, -6.5720

■ 158.1450, 68.3150,  
0.9150

■ 147.4190, 79.2270,  
1.3950

■ 137.1660, 90.1850,  
1.0410

■ 126.4400,  
101.0970, 1.5210

■ 118.6320,  
109.3040, 1.4640

# Harmonies

## Analogous

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



211.5350, 14.6710, 3.9430



210.8290, 13.6630, 0.1830



210.2690, 9.3080, -3.4920

# Triad

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



210.8290, 13.6630, 0.1830



207.5530, -12.1030, -6.4310



211.0200, -2.7520, 5.8240

# Complementary

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



210.8290, 13.6630, 0.1830



209.1710, -13.6630, -0.1830

# 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.



210.0190, -10.1790, 2.7570



210.8290, 13.6630, 0.1830



207.8670, -15.8630, -4.3670

# Square

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



210.8290, 13.6630, 0.1830



207.8480, -5.6840, -7.1240



208.5730, -14.8550, -0.6070



211.8530, 5.0880, 6.9120



# Rectangle

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



210.8290, 13.6630, 0.1830



208.8770, 4.5400, -5.1880



208.5730, -14.8550, -0.6070



210.8240, -5.1360, 4.9760

# Sweetspot

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



210.8290, 13.6630, 0.1830



250.3380, 4.8600, 0.0280



206.3100, 11.2310, 11.2230



124.8540, 3.3470, -0.0850



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

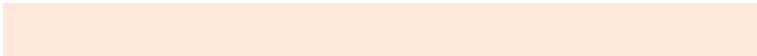


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



210.8290, 13.6630, 0.1830



237.1670, 18.5230, 0.2110



219.0470, 9.8130, -7.1390



106.6370, 5.4560, 0.2400



93.1270, 85.9210, 1.2250



25.5050, 23.3830, 0.2390

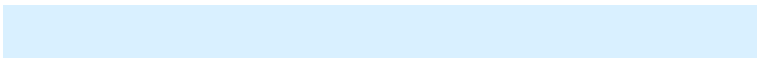


# Inverse Universe

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



209.1710, -13.6630, -0.1830



234.8330, -18.5230, -0.2110



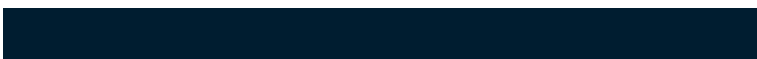
200.9530, -9.8130, 7.1390



106.3630, -5.4560, -0.2400



82.8730, -85.9210, -1.2250



22.4950, -23.3830, -0.2390



# Previews

## White Background



This preview shows how the YIQ color 210.8290, 13.6630, 0.1830 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

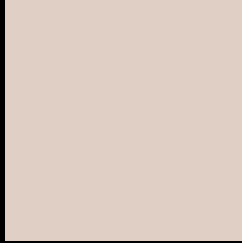
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 210.8290, 13.6630, 0.1830 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

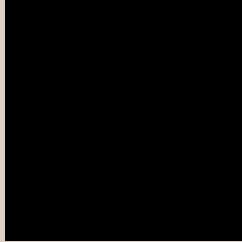
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 210.8290, 13.6630, 0.1830

## Background



This preview shows how black text looks on a background with the YIQ color 210.8290, 13.6630, 0.1830.



This preview shows how white text looks on a background with the YIQ color 210.8290, 13.6630,

0.1830.

# 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

210.8290, 13.6630, 0.1830

### Protanopia

210.0240, 8.6200, -2.0360

### Deuteranopia

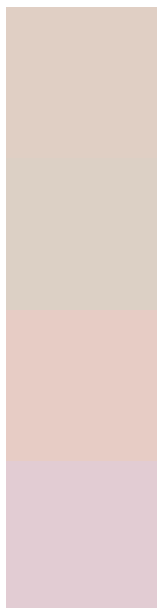
211.8840, 20.9980, 4.9180



## Tritanopia

212.0000, 9.1680, 10.0640

# Trichromacy



## Original Color

210.8290, 13.6630, 0.1830

## Protanomaly

210.3340, 10.6830, -0.8770

## Deuteranomaly

211.2750, 18.3390, 3.5470

## Tritanomaly

211.3760, 10.8650, 6.8410

# Monochromacy



## Original Color

210.8290, 13.6630, 0.1830

## Achromatopsia

211.0000, 0.0000, -0.0000

## Achromatomaly

211.3380, 4.8600, 0.0280

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 210.8290, 13.6630, 0.1830 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(224, 207, 196)` looks like.

```
.text, #text, p{  
    color:rgb(224, 207, 196)  
}
```

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(224, 207, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 207, 196) }
```

## Border

The CSS property to change the border of an element to YIQ 210.8290, 13.6630, 0.1830 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(224, 207, 196) }
```



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

```
.border{ border-color:rgb(224, 207, 196) }
```

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

Here you see how a box with a 4 pixel rgb(224, 207, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 207, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 207, 196);  
box-shadow:4px 4px 4px 4px rgb(224, 207,  
196) }
```

# Background

The CSS property to change the background color of an element to YIQ 210.8290, 13.6630, 0.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 207, 196) }
```

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

```
.background{ background-color: rgb(224,  
207, 196) }
```

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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