

Converting Colors

YIQ(204.8610, 10.6370, -0.0430)

Have a look what the booklet for
YIQ(204.8610, 10.6370, -0.0430)
contains.

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Color

**YIQ(204.8610, 10.6370,
-0.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CAC1
RGB	215, 202, 193
RGB Percent	84%, 79%, 76%
CMY	0.1568, 0.2078, 0.2431
CMYK	0.00, 0.06, 0.10, 0.16
HSL	25°, 22%, 80%
HSV	25°, 10%, 84%
XYZ	58.7725, 60.5373, 59.0466
YIQ	204.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

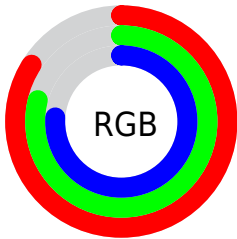
Format	Color
R _Y B	215, 208, 193
Decimal	14142145
CIE Lab	82.13, 3.00, 6.09
CIE LCh	82, 6.792, 63.776
Yxy	60.5373, 0.3295, 0.3394
Android (android.graphics.Color)	4292332225 (0xFFD7CAC1)
YUV	204.8610, -5.8475, 8.8919
Hunter-Lab	77.8058, -1.3257, 9.4690

Details

The YIQ color $204.8610, 10.6370, -0.0430$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $203.1390, -10.6370, 0.0430$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, 1.9260, -1.8660$, and $150.6760, 9.7200, 0.0560$ is the 20% darker color. If you saturate the color by 10%, you get $194.8360, 20.9530, 0.2250$, and if you desaturate by 10%, it is $215.0000, -0.0000, -0.0000$.

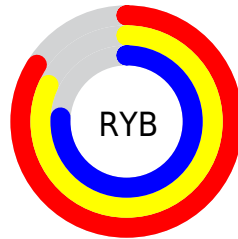
Distribution



Red (84%)

Green (79%)

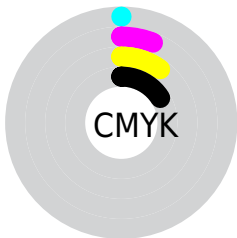
Blue (76%)



Red (84%)

Yellow (82%)

Blue (76%)

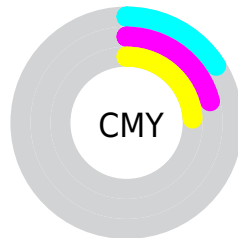


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.8610, 10.6370, -0.0430 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 204.8610, 10.6370, -0.0430 by changing the saturation by 10% instead.

■ 204.8610, 10.6370,
-0.0430

■ 204.8610, 10.6370,
-0.0430

■ 255.0000, -0.0000,
-0.0000

■ 177.5620, 10.0410,
-0.2550

■ 254.3160, 1.9260,
-1.8660

■ 150.6760, 9.7200,
0.0560

■ 124.6760, 9.7200,
0.0560

■ 99.7900, 9.3990,
0.3670

■ 76.0780, 8.5280,
-0.3680

■ 53.1920, 8.2070,
-0.0570

■ 32.0070, 7.2900,

0.0420

■ 8.3170, 9.3530,
1.2010

■ 0.0000, 0.0000,
0.0000

■ 204.8610, 10.6370,
-0.0430

■ 204.8610, 10.6370,
-0.0430

■ 194.8360, 20.9530,
0.2250

■ 215.0000, -0.0000,
-0.0000

■ 185.2840, 31.3150,
-0.3410

■ 224.4380,
-10.0410, 0.2550

■ 175.2590, 41.6310,
-0.0730

■ 234.2350,
-19.7150, -0.6350

■ 165.1200, 52.2680,
-0.1160

■ 241.8660,
-23.2900, -7.4340

■ 155.0950, 62.5840,
0.1520

■ 243.0400,
-23.8400, -8.4800

■ 145.5430, 72.9460,
-0.4140

■ 135.5180, 83.2620,
-0.1460

■ 125.3790, 93.8990,
-0.1890

■ 115.9410,
103.9400, -0.4440

Harmonies

Analogous

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



205.6270, 11.4160, 2.3600



204.8610, 10.6370, -0.0430



204.1270, 6.8320, -2.6720

Triad

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



204.8610, 10.6370, -0.0430



202.2760, -9.7650, -4.7490



204.9770, -1.1930, 5.1030

Complementary

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



204.8610, 10.6370, -0.0430



203.1390, -10.6370, 0.0430

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.



203.9870, -7.1530, 2.9830



204.8610, 10.6370, -0.0430



202.6610, -12.2870, -3.0950

Square

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



204.8610, 10.6370, -0.0430



202.9730, -4.5380, -5.8660



202.8400, -11.2330, -0.1690



205.9130, 4.8590, 5.5550

Rectangle

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



204.8610, 10.6370, -0.0430



203.3330, 3.2560, -3.9440



202.8400, -11.2330, -0.1690



204.7810, -3.5770, 4.2550

Sweetspot

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



204.8610, 10.6370, -0.0430



251.1530, 3.9430, 0.1270



201.0600, 8.9390, 8.7070



124.9680, 3.0260, 0.2260



0.0000, 0.0000, 0.0000



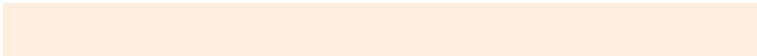
128.0000, -0.0000, -0.0000

Same Dimension

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



204.8610, 10.6370, -0.0430



240.9000, 14.9010, -0.2270



211.3180, 7.6120, -5.7960



102.2240, 5.1810, -0.2830



92.2190, 82.6660, -0.3580



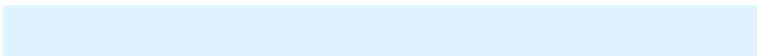
23.4230, 20.6780, -0.2980

Inverse Universe

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



203.1390, -10.6370, 0.0430



238.1000, -14.9010, 0.2270



196.6820, -7.6120, 5.7960



101.3630, -5.4560, -0.2400



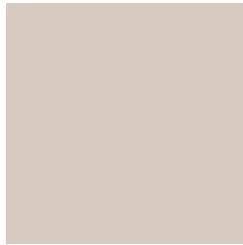
78.7810, -82.6660, 0.3580



20.1640, -20.9530, -0.2250

Previews

White Background



This preview shows how the YIQ color 204.8610, 10.6370, -0.0430 looks on a white background.

Color Contrast Check

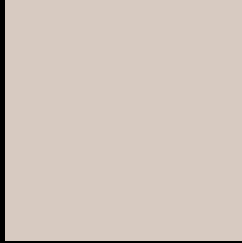
Large Text (above 18pt) WCAG AA × Fail

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 204.8610, 10.6370, -0.0430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

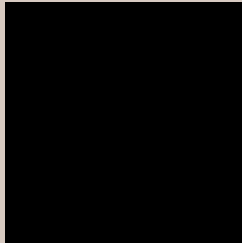
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

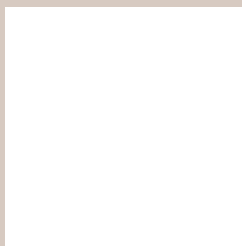
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.8610, 10.6370, -0.0430

Background



This preview shows how black text looks on a background with the YIQ color 204.8610, 10.6370, -0.0430.



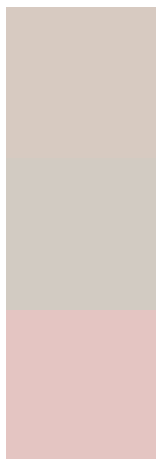
This preview shows how white text looks on a background with the YIQ color 204.8610, 10.6370, -0.0430.

-0.0430.

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

204.8610, 10.6370, -0.0430

Protanopia

204.0670, 7.0610, -1.3150

Deuteranopia

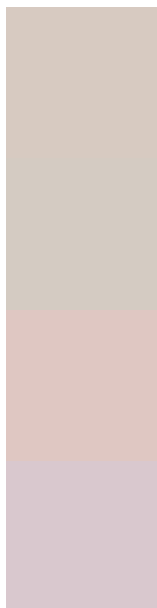
205.9270, 19.4390, 5.6390



Tritanopia

206.3910, 6.5090, 8.6930

Trichromacy



Original Color

204.8610, 10.6370, -0.0430

Protanomaly

204.6650, 8.2530, -0.8910

Deuteranomaly

205.6060, 15.9090, 3.5330

Tritanomaly

205.7670, 8.2060, 5.4700

Monochromacy



Original Color

204.8610, 10.6370, -0.0430

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.1530, 3.9430, 0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.8610, 10.6370, -0.0430 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(215, 202, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 202, 193)  
}
```

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(215, 202, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 202, 193) }
```

Border

The CSS property to change the border of an element to YIQ 204.8610, 10.6370, -0.0430 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(215, 202, 193) }
```


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

```
.border{ border-color:rgb(215, 202, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 202, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 202, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 202, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 202,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 204.8610, 10.6370, -0.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 202, 193) }
```

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

```
.background{ background-color: rgb(215,  
202, 193) }
```

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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