

Converting Colors

YIQ(204.8810, 17.0530, 15.8450)

Have a look what the booklet for
YIQ(204.8810, 17.0530, 15.8450)
contains.

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Color

**YIQ(204.8810, 17.0530,
15.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	E7BED5
RGB	231, 190, 213
RGB Percent	91%, 75%, 84%
CMY	0.0940, 0.2549, 0.1647
CMYK	0.00, 0.18, 0.08, 0.09
HSL	326°, 46%, 83%
HSV	326°, 18%, 91%
XYZ	63.3858, 58.6179, 70.9328
YIQ	204.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

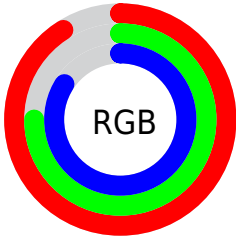
Format	Color
R _Y B	231, 190, 213
Decimal	15187669
CIE Lab	81.08, 18.39, -6.00
CIE LCh	81, 19.339, 341.937
Yxy	58.6179, 0.3285, 0.3038
Android (android.graphics.Color)	4293377749 (0xFFE7BED5)
YUV	204.8810, 4.0027, 22.9064
Hunter-Lab	76.5623, 13.7958, -1.3369

Details

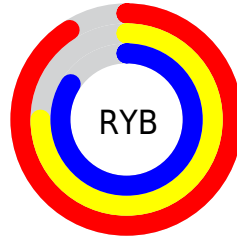
The YIQ color $204.8810, 17.0530, 15.8450$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $216.1190, -17.0530, -15.8450$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.4750, 4.7070$, and $150.1690, 16.1820, 15.1100$ is the 20% darker color. If you saturate the color by 10%, you get $190.2400, 26.5880, 24.7640$, and if you desaturate by 10%, it is $219.5220, 7.5180, 6.9260$.

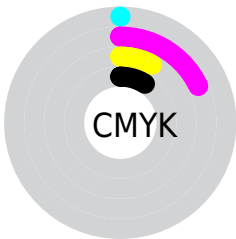
Distribution



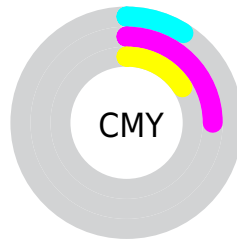
- Red (91%)
- Green (75%)
- Blue (84%)



- Red (91%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.8810, 17.0530, 15.8450 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 204.8810, 17.0530, 15.8450 by changing the saturation by 10% instead.


 204.8810, 17.0530,
15.8450


 204.8810, 17.0530,
15.8450


255.0000, -0.0000,
-0.0000


 177.4680, 16.7780,
15.3220


 249.7170, 2.4750,
4.7070

 150.1690, 16.1820,
15.1100

 124.4570, 15.3110,
14.3750

 99.1580, 14.7150,
14.1630

 75.4460, 13.8440,
13.4280

 52.1470, 13.2480,
13.2160

 30.1360, 11.7810,

12.2690

■ 11.3210, 12.6980,
12.1700

■ 0.0000, 0.0000,
0.0000

■ 204.8810, 17.0530,
15.8450

■ 204.8810, 17.0530,
15.8450

■ 190.2400, 26.5880,
24.7640

■ 219.5220, 7.5180,
6.9260

■ 175.5990, 36.1230,
33.6830

■ 234.1630, -2.0170,
-1.9930

■ 160.9580, 45.6580,
42.6020

■ 246.4560,
-10.4520, -8.8200

■ 146.2030, 55.5140,
51.2100

■ 247.7100,
-13.9830, -5.3990

■ 130.9750, 65.3240,
60.6520

■ 247.8240,
-14.3040, -5.0880

■ 116.3340, 74.8590,
69.5710

■ 101.6930, 84.3940,
78.4900

■ 87.0520, 93.9290,
87.4090

■ 83.8890, 95.9460,
89.4020

Harmonies

Analogous

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



203.8560, 1.0060, 14.8140



204.8810, 17.0530, 15.8450



204.6340, 27.8740, 12.4660

Triad

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



204.8810, 17.0530, 15.8450



199.6900, 15.1320, -9.9240



195.2650, -37.5950, -6.9950

Complementary

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



204.8810, 17.0530, 15.8450



216.1190, -17.0530, -15.8450

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.



194.5010, -32.6880, -13.3280



204.8810, 17.0530, 15.8450



197.8450, -1.6020, -15.0260

Square

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



204.8810, 17.0530, 15.8450



201.6640, 27.1890, -2.6590



195.7490, -18.8870, -15.6470



197.9440, -31.9570, 0.9630

Rectangle

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



204.8810, 17.0530, 15.8450



203.8530, 31.4510, 8.2110



195.7490, -18.8870, -15.6470



194.6840, -37.4570, -9.4970

Sweetspot

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



204.8810, 17.0530, 15.8450



246.6850, 5.5010, 4.9330



200.0560, -2.4330, 16.5670



122.8480, 3.4840, 2.9400



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.



204.8810, 17.0530, 15.8450



220.5660, 22.5540, 20.7780



202.6010, 23.4730, 9.6250



107.3860, 4.9050, 4.7210



64.9210, 74.5840, 69.0480



18.5550, 21.0870, 19.8310

Inverse Universe

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



204.8810, 17.0530, 15.8450



220.5660, 22.5540, 20.7780



218.3990, -23.4730, -9.6250



107.3860, 4.9050, 4.7210



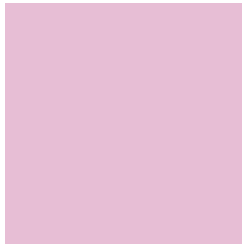
64.9210, 74.5840, 69.0480



18.5550, 21.0870, 19.8310

Previews

White Background



This preview shows how the YIQ color 204.8810, 17.0530, 15.8450 looks on a white background.

Color Contrast Check

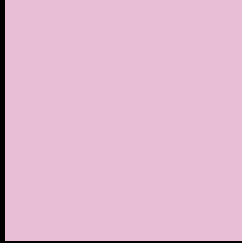
Large Text (above 18pt) WCAG AA × Fail

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 204.8810, 17.0530, 15.8450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

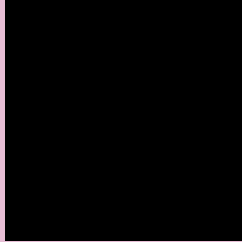
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.8810, 17.0530, 15.8450

Background



This preview shows how black text looks on a background with the YIQ color 204.8810, 17.0530, 15.8450.



This preview shows how white text looks on a background with the YIQ color 204.8810, 17.0530,

15.8450.

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

204.8810, 17.0530, 15.8450

Protanopia

202.1660, -6.0990, 5.9090

Deuteranopia

203.8040, 6.7840, 9.2160



Tritanopia

204.3710, 18.4290, 12.9330

Trichromacy



Original Color

204.8810, 17.0530, 15.8450

Protanomaly

202.8790, 2.1990, 9.7110

Deuteranomaly

204.1250, 10.3140, 11.3220

Tritanomaly

204.7130, 17.4660, 13.8660

Monochromacy



Original Color

204.8810, 17.0530, 15.8450

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.0980, 5.7760, 5.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.8810, 17.0530, 15.8450 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(231, 190, 213)` looks like.

```
.text, #text, p{  
    color:rgb(231, 190, 213)  
}
```

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(231, 190, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 190, 213) }
```

Border

The CSS property to change the border of an element to YIQ 204.8810, 17.0530, 15.8450 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(231, 190, 213) }
```


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

```
.border{ border-color:rgb(231, 190, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 190, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 190, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 190, 213);  
box-shadow:4px 4px 4px 4px rgb(231, 190,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 204.8810, 17.0530, 15.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 190, 213) }
```

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

```
.background{ background-color: rgb(231,  
190, 213) }
```

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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