

# Converting Colors

YIQ(206.9510, 10.8640, 12.3680)

Have a look what the booklet for  
YIQ(206.9510, 10.8640, 12.3680)  
contains.

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# Color

**YIQ(206.9510, 10.8640,  
12.3680)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1C4D8
RGB	225, 196, 216
RGB Percent	88%, 77%, 85%
CMY	0.1176, 0.2314, 0.1529
CMYK	0.00, 0.13, 0.04, 0.12
HSL	319°, 33%, 83%
HSV	319°, 13%, 88%
XYZ	63.1906, 60.4435, 73.3068
YIQ	206.9510, 10.8640, 12.3680

# Conversions

## Conversions Part 2

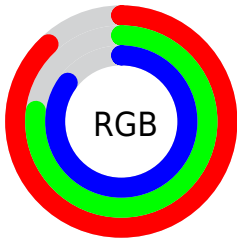
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 196, 216
Decimal	14795992
CIE Lab	82.08, 13.64, -6.19
CIE LCh	82, 14.976, 335.589
Yxy	60.4435, 0.3209, 0.3069
Android (android.graphics.Color)	4292986072 (0xFFE1C4D8)
YUV	206.9510, 4.4612, 15.8290
Hunter-Lab	77.7454, 9.0283, -1.4832

# Details

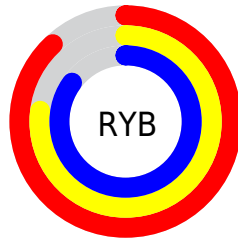
The YIQ color  $206.9510, 10.8640, 12.3680$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $214.0490, -10.8640, -12.3680$ , and the grayscale version is  $207.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $253.8260, 0.5500, 1.0460$ , and  $152.5380, 10.5890, 11.8450$  is the 20% darker color. If you saturate the color by 10%, you get  $192.6520, 19.4360, 22.2200$ , and if you desaturate by 10%, it is  $220.6630, 2.5670, 3.0390$ .

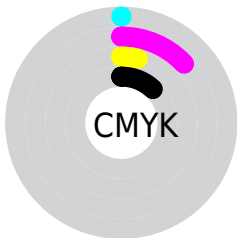
# Distribution



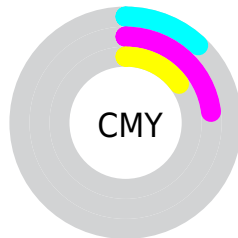
- Red (88%)
- Green (77%)
- Blue (85%)



- Red (88%)
- Yellow (77%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (23%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 206.9510, 10.8640, 12.3680 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 206.9510, 10.8640, 12.3680 by changing the saturation by 10% instead.



206.9510, 10.8640,  
12.3680

206.9510, 10.8640,  
12.3680

255.0000, -0.0000,  
-0.0000

179.5380, 10.5890,  
11.8450

253.8260, 0.5500,  
1.0460

152.5380, 10.5890,  
11.8450

126.8260, 9.7180,  
11.1100

101.5270, 9.1220,  
10.8980

77.1140, 8.8470,  
10.3750

54.7010, 8.5720,  
9.8520

32.9890, 7.7010,

9.1170

■ 10.3530, 9.6720,  
11.9440

■ 0.0000, 0.0000,  
0.0000

■ 206.9510, 10.8640,  
12.3680

■ 206.9510, 10.8640,  
12.3680

■ 192.6520, 19.4360,  
22.2200

■ 220.6630, 2.5670,  
3.0390

■ 178.9400, 27.7330,  
31.5490

■ 234.9620, -6.0050,  
-6.8130

■ 164.6410, 36.3050,  
41.4010

■ 243.9780,  
-12.1020, -11.9580

■ 150.9290, 44.6020,  
50.7300

■ 244.7760,  
-14.3490, -9.7810

■ 136.6300, 53.1740,  
60.5820

■ 245.5740,  
-16.5960, -7.6040

■ 122.9180, 61.4710,  
69.9110

■ 246.0300,  
-17.8800, -6.3600

■ 108.6190, 70.0430,  
79.7630

■ 94.9070, 78.3400,  
89.0920

■ 84.9450, 84.3450,  
95.9050

# Harmonies

## Analogous

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



206.0680, -2.7070, 10.5170



206.9510, 10.8640, 12.3680



207.1600, 20.4010, 10.2330

# Triad

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



206.9510, 10.8640, 12.3680



203.4990, 14.3520, -6.8000



200.0550, -28.1960, -6.6280

# Complementary

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



206.9510, 10.8640, 12.3680



214.0490, -10.8640, -12.3680

# 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.



199.6440, -22.7850, -11.0810



206.9510, 10.8640, 12.3680



201.6330, 2.1110, -10.7290

# Square

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



206.9510, 10.8640, 12.3680



204.7930, 22.5120, -0.4960



199.8640, -11.7810, -12.2690



201.7120, -25.4920, -0.5640



# Rectangle

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



206.9510, 10.8640, 12.3680



206.4330, 23.8860, 7.6460



199.8640, -11.7810, -12.2690



199.3000, -27.5080, -8.0840

# Sweetspot

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



206.9510, 10.8640, 12.3680



248.7880, 3.7130, 4.2970



201.9970, -3.9450, 10.9270



123.6630, 2.5670, 3.0390



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.



206.9510, 10.8640, 12.3680



231.3260, 14.3020, 16.1420



205.3550, 15.3580, 8.0140



105.2010, 3.9880, 4.8200



66.4180, 66.0550, 74.9430



18.1140, 18.0150, 20.4390



# Inverse Universe

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



206.9510, 10.8640, 12.3680



231.3260, 14.3020, 16.1420



215.6450, -15.3580, -8.0140



105.2010, 3.9880, 4.8200



66.4180, 66.0550, 74.9430



18.1140, 18.0150, 20.4390



# Previews

## White Background



This preview shows how the YIQ color 206.9510, 10.8640, 12.3680 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

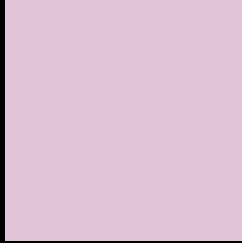
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 206.9510, 10.8640, 12.3680 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

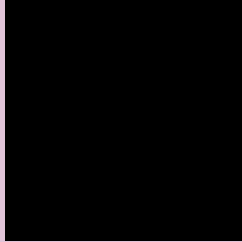
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 206.9510, 10.8640, 12.3680

## Background



This preview shows how black text looks on a background with the YIQ color 206.9510, 10.8640, 12.3680.



This preview shows how white text looks on a background with the YIQ color 206.9510, 10.8640,

12.3680.

# 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

206.9510, 10.8640, 12.3680

### Protanopia

204.9380, -5.4570, 5.2870

### Deuteranopia

206.3310, 6.7380, 10.0500



## Tritanopia

206.7830, 11.2770, 10.3890

# Trichromacy



## Original Color

206.9510, 10.8640, 12.3680

## Protanomaly

205.4550, 0.4570, 8.2410

## Deuteranomaly

206.3420, 8.2050, 10.9970

## Tritanomaly

206.8970, 10.9560, 10.7000

# Monochromacy



## Original Color

206.9510, 10.8640, 12.3680

## Achromatopsia

207.0000, 0.0000, -0.0000

## Achromatomaly

207.0870, 4.3090, 4.5090

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 206.9510, 10.8640, 12.3680 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(225, 196, 216)` looks like.

```
.text, #text, p{  
    color:rgb(225, 196, 216)  
}
```

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(225, 196, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 196, 216) }
```

## Border

The CSS property to change the border of an element to YIQ 206.9510, 10.8640, 12.3680 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(225, 196, 216) }
```



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

```
.border{ border-color:rgb(225, 196, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 196, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 196, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 196, 216);  
box-shadow:4px 4px 4px 4px rgb(225, 196,  
216) }
```

# Background

The CSS property to change the background color of an element to YIQ 206.9510, 10.8640, 12.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 196, 216) }
```

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

```
.background{ background-color: rgb(225,  
196, 216) }
```

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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