

Converting Colors

YIQ(206.9190, 13.8900, 12.5940)

Have a look what the booklet for
YIQ(206.9190, 13.8900, 12.5940)
contains.

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Color

**YIQ(206.9190, 13.8900,
12.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C3D5
RGB	228, 195, 213
RGB Percent	89%, 76%, 84%
CMY	0.1058, 0.2353, 0.1647
CMYK	0.00, 0.14, 0.07, 0.11
HSL	327°, 38%, 83%
HSV	327°, 14%, 89%
XYZ	63.5258, 60.3264, 71.2538
YIQ	206.9190, 13.8900, 12.5940

Conversions

Conversions Part 2

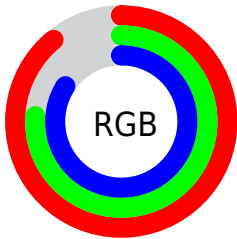
Format	Color
R _Y B	228, 195, 213
Decimal	14992341
CIE Lab	82.02, 14.68, -4.65
CIE LCh	82, 15.398, 342.437
Yxy	60.3264, 0.3256, 0.3092
Android (android.graphics.Color)	4293182421 (0xFFE4C3D5)
YUV	206.9190, 2.9979, 18.4880
Hunter-Lab	77.6701, 10.0712, -0.0230

Details

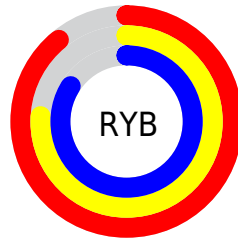
The YIQ color $206.9190, 13.8900, 12.5940$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $216.0810, -13.8900, -12.5940$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $152.2070, 13.0190, 11.8590$ is the 20% darker color. If you saturate the color by 10%, you get $192.2780, 23.4250, 21.5130$, and if you desaturate by 10%, it is $221.5600, 4.3550, 3.6750$.

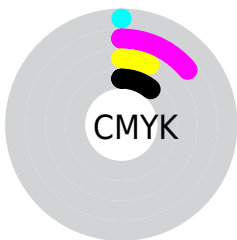
Distribution



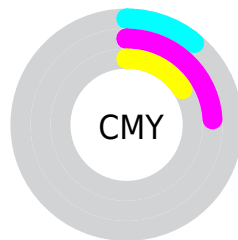
- Red (89%)
- Green (76%)
- Blue (84%)



- Red (89%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.9190, 13.8900, 12.5940 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 206.9190, 13.8900, 12.5940 by changing the saturation by 10% instead.


 206.9190, 13.8900,
12.5940


 206.9190, 13.8900,
12.5940

255.0000, -0.0000,
-0.0000


 179.5060, 13.6150,
12.0710


 253.2390, 0.8250,
1.5690

 152.2070, 13.0190,
11.8590

 126.7940, 12.7440,
11.3360

 101.4950, 12.1480,
11.1240

 77.1960, 11.5520,
10.9120

 54.4840, 10.6810,
10.1770

 32.7720, 9.8100,

9.4420

■ 10.7230, 11.5060,
11.7460

■ 0.0000, 0.0000,
0.0000

■ 206.9190, 13.8900,
12.5940

■ 206.9190, 13.8900,
12.5940

■ 192.2780, 23.4250,
21.5130

■ 221.5600, 4.3550,
3.6750

■ 177.5230, 33.2810,
30.1210

■ 236.3150, -5.5010,
-4.9330

■ 163.4690, 42.5410,
38.5170

■ 245.6730,
-12.5610, -9.1450

■ 148.8280, 52.0760,
47.4360

■ 246.8130,
-15.7710, -6.0350

■ 134.0730, 61.9320,
56.0440

■ 246.9270,
-16.0920, -5.7240

■ 119.4320, 71.4670,
64.9630

■ 104.6770, 81.3230,
73.5710

■ 90.6230, 90.5830,
81.9670

■ 82.3080, 96.0840,
86.9000

Harmonies

Analogous

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



205.8620, 0.8690, 11.7890



206.9190, 13.8900, 12.5940



206.7150, 23.1520, 9.9360

Triad

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



206.9190, 13.8900, 12.5940



202.8900, 11.6930, -8.1710



199.5110, -29.4800, -5.3840

Complementary

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



206.9190, 13.8900, 12.5940



216.0810, -13.8900, -12.5940

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.



199.2030, -25.8570, -10.4730



206.9190, 13.8900, 12.5940



201.1380, -0.8690, -11.7890

Square

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



206.9190, 13.8900, 12.5940



204.5540, 21.6870, -2.0650



199.8960, -14.8070, -12.4950



201.9510, -24.6670, 1.0050

Rectangle

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



206.9190, 13.8900, 12.5940



205.9770, 25.1700, 6.4020



199.8960, -14.8070, -12.4950



199.3430, -29.0670, -7.3630

Sweetspot

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



206.9190, 13.8900, 12.5940



248.5600, 4.3550, 3.6750



203.2470, -1.6530, 13.4430



123.5490, 2.8880, 2.7280



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.



206.9190, 13.8900, 12.5940



227.4790, 18.2450, 16.2690



205.0950, 19.0260, 7.6180



107.3860, 4.9050, 4.7210



64.5790, 75.5470, 68.1150



18.4410, 21.4080, 19.5200

Inverse Universe

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



206.9190, 13.8900, 12.5940



227.4790, 18.2450, 16.2690



217.9050, -19.0260, -7.6180



107.3860, 4.9050, 4.7210



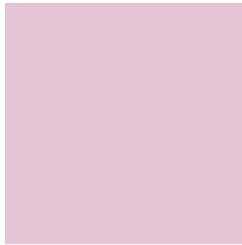
64.5790, 75.5470, 68.1150



18.4410, 21.4080, 19.5200

Previews

White Background



This preview shows how the YIQ color 206.9190, 13.8900, 12.5940 looks on a white background.

Color Contrast Check

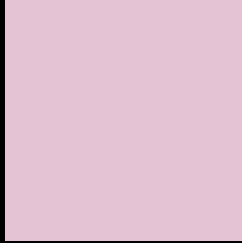
Large Text (above 18pt) WCAG AA × Fail

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 206.9190, 13.8900, 12.5940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

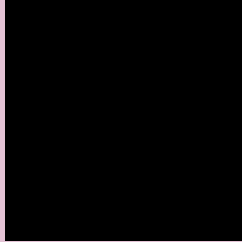
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.9190, 13.8900, 12.5940

Background



This preview shows how black text looks on a background with the YIQ color 206.9190, 13.8900, 12.5940.

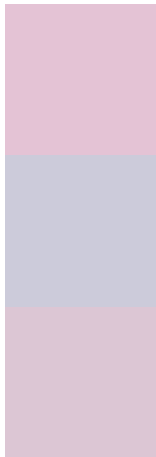


This preview shows how white text looks on a background with the YIQ color 206.9190, 13.8900,

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

206.9190, 13.8900, 12.5940

Protanopia

205.0090, -4.2190, 4.8770

Deuteranopia

206.1740, 8.6180, 9.0180



Tritanopia

206.6910, 14.5320, 11.9720

Trichromacy



Original Color

206.9190, 13.8900, 12.5940

Protanomaly

205.7110, 2.6120, 7.7320

Deuteranomaly

206.4840, 10.6810, 10.1770

Tritanomaly

206.8050, 14.2110, 12.2830

Monochromacy



Original Color

206.9190, 13.8900, 12.5940

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.2720, 5.2260, 4.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.9190, 13.8900, 12.5940 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(228, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(228, 195, 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(228, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 195, 213) }
```

Border

The CSS property to change the border of an element to YIQ 206.9190, 13.8900, 12.5940 is called "border". The border property can be set on classes, ids or directly on the HTML element.

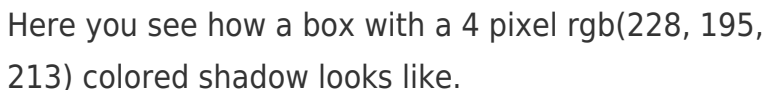
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 195, 213) }
```


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

```
.border{ border-color:rgb(228, 195, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 195, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 195, 213); box-shadow:4px 4px 4px 4px rgb(228, 195, 213) }
```

Background

The CSS property to change the background color of an element to YIQ 206.9190, 13.8900, 12.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 195, 213) }
```

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

```
.background{ background-color: rgb(228,  
195, 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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