

Converting Colors

YIQ(214.8370, 11.1850, 12.0570)

Have a look what the booklet for
YIQ(214.8370, 11.1850, 12.0570)
contains.

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Color

**YIQ(214.8370, 11.1850,
12.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CCDF
RGB	233, 204, 223
RGB Percent	91%, 80%, 87%
CMY	0.0862, 0.2000, 0.1255
CMYK	0.00, 0.12, 0.04, 0.09
HSL	321°, 40%, 86%
HSV	321°, 12%, 91%
XYZ	68.5213, 65.8352, 78.9134
YIQ	214.8370, 11.1850, 12.0570

Conversions

Conversions Part 2

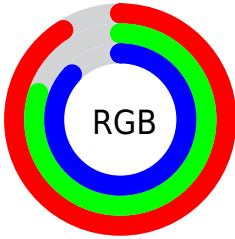
Format	Color
R _Y B	233, 204, 223
Decimal	15322335
CIE Lab	84.91, 13.36, -5.66
CIE LCh	85, 14.515, 337.035
Yxy	65.8352, 0.3213, 0.3087
Android (android.graphics.Color)	4293512415 (0xFFE9CCDF)
YUV	214.8370, 4.0244, 15.9290
Hunter-Lab	81.1389, 8.7491, -0.8666

Details

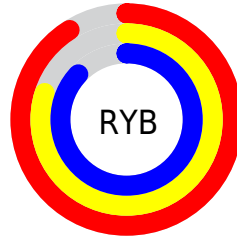
The YIQ color $214.8370, 11.1850, 12.0570$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $222.1630, -11.1850, -12.0570$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $160.1250, 10.3140, 11.3220$ is the 20% darker color. If you saturate the color by 10%, you get $200.4240, 20.0780, 21.5980$, and if you desaturate by 10%, it is $229.2500, 2.2920, 2.5160$.

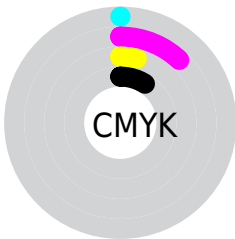
Distribution



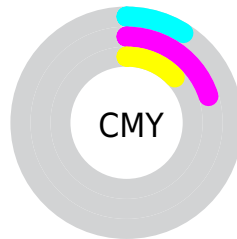
- Red (91%)
- Green (80%)
- Blue (87%)



- Red (91%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.8370, 11.1850, 12.0570 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 214.8370, 11.1850, 12.0570 by changing the saturation by 10% instead.

214.8370, 11.1850,
12.0570

214.8370, 11.1850,
12.0570

255.0000, -0.0000,
-0.0000

187.4240, 10.9100,
11.5340

160.1250, 10.3140,
11.3220

133.7120, 10.0390,
10.7990

108.4130, 9.4430,
10.5870

84.0000, 9.1680,
10.0640

60.7010, 8.5720,
9.8520

38.9890, 7.7010,

9.1170

■ 16.8150, 8.2510,
10.1630

■ 0.0000, 0.0000,
0.0000

■ 214.8370, 11.1850,
12.0570

■ 214.8370, 11.1850,
12.0570

■ 200.4240, 20.0780,
21.5980

■ 229.2500, 2.2920,
2.5160

■ 185.4240, 29.2460,
31.6620

■ 244.2500, -6.8760,
-7.5480

■ 171.0110, 38.1390,
41.2030

■ 247.5100,
-10.5440, -7.1520

■ 156.5980, 47.0320,
50.7440

■ 248.4220,
-13.1120, -4.6640

■ 141.5980, 56.2000,
60.8080

■ 127.1850, 65.0930,
70.3490

■ 112.7720, 73.9860,
79.8900

■ 98.3590, 82.8790,
89.4310

■ 87.1090, 89.7550,
96.9790

Harmonies

Analogous

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



214.2530, -1.7900, 10.4180



214.8370, 11.1850, 12.0570



215.0460, 20.7220, 9.9220

Triad

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



214.8370, 11.1850, 12.0570



211.3140, 13.4350, -6.7010



207.7670, -27.3250, -5.8930

Complementary

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



214.8370, 11.1850, 12.0570



222.1630, -11.1850, -12.0570

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.



207.1710, -22.8310, -10.2470



214.8370, 11.1850, 12.0570



209.4480, 1.1940, -10.6300

Square

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



214.8370, 11.1850, 12.0570



213.0810, 21.6410, -1.2310



207.9780, -12.1020, -11.9580



209.4240, -24.6210, 0.1710

Rectangle

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



214.8370, 11.1850, 12.0570



214.0200, 23.6110, 7.1230



207.9780, -12.1020, -11.9580



207.5990, -26.9120, -7.8720

Sweetspot

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



214.8370, 11.1850, 12.0570



248.6740, 4.0340, 3.9860



210.2960, -3.3490, 11.1390



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.



214.8370, 11.1850, 12.0570



231.2120, 14.6230, 15.8310



213.2410, 15.6790, 7.7030



110.0870, 4.3090, 4.5090



67.6850, 69.6770, 75.3810



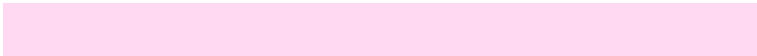
20.1360, 20.9490, 22.3330

Inverse Universe

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



214.8370, 11.1850, 12.0570



231.2120, 14.6230, 15.8310



223.7590, -15.6790, -7.7030



110.0870, 4.3090, 4.5090



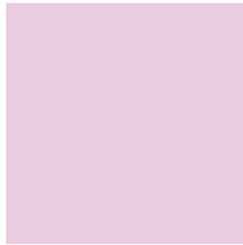
67.6850, 69.6770, 75.3810



20.1360, 20.9490, 22.3330

Previews

White Background



This preview shows how the YIQ color 214.8370, 11.1850, 12.0570 looks on a white background.

Color Contrast Check

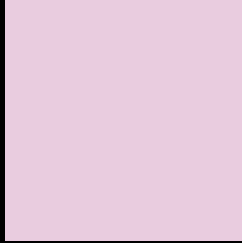
Large Text (above 18pt) WCAG AA × Fail

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 214.8370, 11.1850, 12.0570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

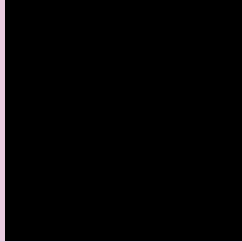
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.8370, 11.1850, 12.0570

Background



This preview shows how black text looks on a background with the YIQ color 214.8370, 11.1850, 12.0570.



This preview shows how white text looks on a background with the YIQ color 214.8370, 11.1850,

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

214.8370, 11.1850, 12.0570

Protanopia

213.1230, -4.5400, 5.1880

Deuteranopia

214.5160, 7.6550, 9.9510



Tritanopia

214.4950, 12.1480, 11.1240

Trichromacy



Original Color

214.8370, 11.1850, 12.0570

Protanomaly

213.6400, 1.3740, 8.1420

Deuteranomaly

214.5270, 9.1220, 10.8980

Tritanomaly

214.6090, 11.8270, 11.4350

Monochromacy



Original Color

214.8370, 11.1850, 12.0570

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.8370, 11.1850, 12.0570 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(233, 204, 223)` looks like.

```
.text, #text, p{  
    color:rgb(233, 204, 223)  
}
```

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(233, 204, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 204, 223) }
```

Border

The CSS property to change the border of an element to YIQ 214.8370, 11.1850, 12.0570 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(233, 204, 223) }
```


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

```
.border{ border-color:rgb(233, 204, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 204, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 204, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 204, 223);  
box-shadow:4px 4px 4px 4px rgb(233, 204,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 214.8370, 11.1850, 12.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 204, 223) }
```

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

```
.background{ background-color: rgb(233,  
204, 223) }
```

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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