

Converting Colors

YIQ(209.7230, 11.5060, 11.7460)

Have a look what the booklet for
YIQ(209.7230, 11.5060, 11.7460)
contains.

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Color

**YIQ(209.7230, 11.5060,
11.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C7D9
RGB	228, 199, 217
RGB Percent	89%, 78%, 85%
CMY	0.1058, 0.2196, 0.1490
CMYK	0.00, 0.13, 0.05, 0.11
HSL	323°, 35%, 84%
HSV	323°, 13%, 89%
XYZ	64.9475, 62.3488, 74.2626
YIQ	209.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

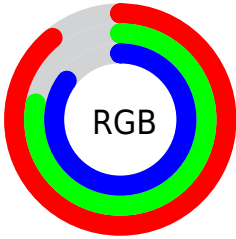
Format	Color
R _Y B	228, 199, 217
Decimal	14993369
CIE Lab	83.10, 13.25, -5.19
CIE LCh	83, 14.228, 338.610
Yxy	62.3488, 0.3222, 0.3093
Android (android.graphics.Color)	4293183449 (0xFFE4C7D9)
YUV	209.7230, 3.5876, 16.0289
Hunter-Lab	78.9612, 8.6383, -0.4890

Details

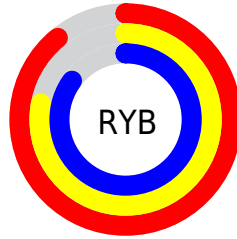
The YIQ color $209.7230, 11.5060, 11.7460$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $217.2770, -11.5060, -11.7460$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $155.0110, 10.6350, 11.0110$ is the 20% darker color. If you saturate the color by 10%, you get $195.1960, 20.7200, 20.9760$, and if you desaturate by 10%, it is $224.2500, 2.2920, 2.5160$.

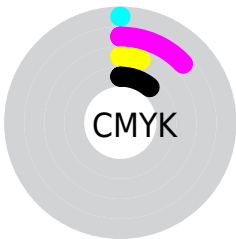
Distribution



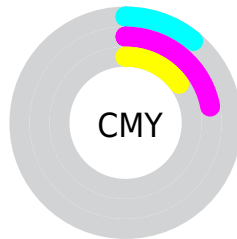
- Red (89%)
- Green (78%)
- Blue (85%)



- Red (89%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.7230, 11.5060, 11.7460 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 209.7230, 11.5060, 11.7460 by changing the saturation by 10% instead.

■ 209.7230, 11.5060,
11.7460

■ 209.7230, 11.5060,
11.7460

255.0000, -0.0000,
-0.0000

■ 182.3100, 11.2310,
11.2230

■ 155.0110, 10.6350,
11.0110

■ 129.0110, 10.6350,
11.0110

■ 104.2990, 9.7640,
10.2760

■ 79.8860, 9.4890,
9.7530

■ 56.5870, 8.8930,
9.5410

■ 34.8750, 8.0220,

8.8060

■ 11.6520, 10.2680,
12.1560

■ 0.0000, 0.0000,
0.0000

■ 209.7230, 11.5060,
11.7460

■ 209.7230, 11.5060,
11.7460

■ 195.1960, 20.7200,
20.9760

■ 224.2500, 2.2920,
2.5160

■ 180.7830, 29.6130,
30.5170

■ 238.6630, -6.6010,
-7.0250

■ 166.8430, 38.5520,
39.2240

■ 245.5590,
-12.2400, -9.4560

■ 152.3160, 47.7660,
48.4540

■ 246.5850,
-15.1290, -6.6570

■ 137.9030, 56.6590,
57.9950

■ 246.9270,
-16.0920, -5.7240

■ 123.3760, 65.8730,
67.2250

■ 108.8490, 75.0870,
76.4550

■ 95.0230, 83.7050,
85.4730

■ 84.3600, 90.3060,
92.4980

Harmonies

Analogous

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



208.5520, -1.1940, 10.6300



209.7230, 11.5060, 11.7460



209.6330, 20.4470, 9.3990

Triad

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



209.7230, 11.5060, 11.7460



206.1290, 12.5180, -6.6020



203.0660, -26.7290, -5.6810

Complementary

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



209.7230, 11.5060, 11.7460



217.2770, -11.5060, -11.7460

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.



202.4700, -22.2350, -10.0350



209.7230, 11.5060, 11.7460



204.5620, 0.8730, -10.3190

Square

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



209.7230, 11.5060, 11.7460



207.7820, 21.0450, -1.4430



203.0920, -12.4230, -11.6470



204.6090, -23.7040, 0.0720

Rectangle

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



209.7230, 11.5060, 11.7460



209.6070, 23.3360, 6.6000



203.0920, -12.4230, -11.6470



202.3110, -26.0410, -7.1370

Sweetspot

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



209.7230, 11.5060, 11.7460



248.6740, 4.0340, 3.9860



205.5950, -2.7530, 11.3510



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.



209.7230, 11.5060, 11.7460



230.9840, 15.2650, 15.2090



208.1270, 16.0000, 7.3920



107.3860, 4.9050, 4.7210



66.1750, 71.0530, 72.4690



18.8970, 20.1240, 20.7640

Inverse Universe

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



209.7230, 11.5060, 11.7460



230.9840, 15.2650, 15.2090



218.8730, -16.0000, -7.3920



107.3860, 4.9050, 4.7210



66.1750, 71.0530, 72.4690



18.8970, 20.1240, 20.7640

Previews

White Background



This preview shows how the YIQ color 209.7230, 11.5060, 11.7460 looks on a white background.

Color Contrast Check

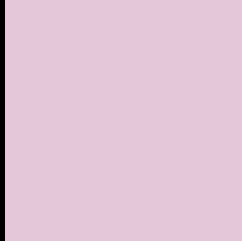
Large Text (above 18pt) WCAG AA × Fail

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 209.7230, 11.5060, 11.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

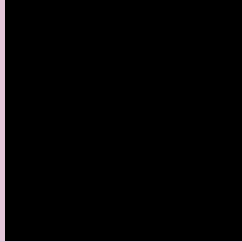
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.7230, 11.5060, 11.7460

Background



This preview shows how black text looks on a background with the YIQ color 209.7230, 11.5060, 11.7460.



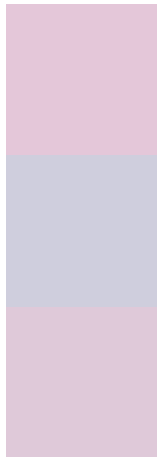
This preview shows how white text looks on a background with the YIQ color 209.7230, 11.5060,

11.7460.

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

209.7230, 11.5060, 11.7460

Protanopia

208.0090, -4.2190, 4.8770

Deuteranopia

209.4020, 7.9760, 9.6400



Tritanopia

209.4950, 12.1480, 11.1240

Trichromacy



Original Color

209.7230, 11.5060, 11.7460

Protanomaly

208.5260, 1.6950, 7.8310

Deuteranomaly

209.4130, 9.4430, 10.5870

Tritanomaly

209.6090, 11.8270, 11.4350

Monochromacy



Original Color

209.7230, 11.5060, 11.7460

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.7230, 11.5060, 11.7460 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, 199, 217)` looks like.

```
.text, #text, p{  
    color:rgb(228, 199, 217)  
}
```

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, 199, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 199, 217) }
```

Border

The CSS property to change the border of an element to YIQ 209.7230, 11.5060, 11.7460 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, 199, 217) }
```


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

```
.border{ border-color:rgb(228, 199, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 199, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 199, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 199, 217);  
box-shadow:4px 4px 4px 4px rgb(228, 199,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 209.7230, 11.5060, 11.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 199, 217) }
```

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

```
.background{ background-color: rgb(228,  
199, 217) }
```

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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