

Converting Colors

YIQ(209.2980, 11.5050, 17.2730)

Have a look what the booklet for
YIQ(209.2980, 11.5050, 17.2730)
contains.

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Color

**YIQ(209.2980, 11.5050,
17.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C3E2
RGB	231, 195, 226
RGB Percent	91%, 76%, 89%
CMY	0.0940, 0.2353, 0.1137
CMYK	0.00, 0.16, 0.02, 0.09
HSL	308°, 43%, 84%
HSV	308°, 16%, 91%
XYZ	66.2036, 61.5081, 80.3384
YIQ	209.2980, 11.5050, 17.2730

Conversions

Conversions Part 2

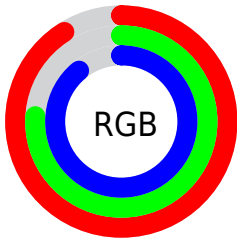
Format	Color
R _Y B	231, 195, 226
Decimal	15188962
CIE Lab	82.65, 18.00, -10.64
CIE LCh	83, 20.906, 329.417
Yxy	61.5081, 0.3182, 0.2956
Android (android.graphics.Color)	4293379042 (0xFFE7C3E2)
YUV	209.2980, 8.2341, 19.0327
Hunter-Lab	78.4271, 13.4318, -5.8359

Details

The YIQ color $209.2980, 11.5050, 17.2730$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $216.7020, -11.5050, -17.2730$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $154.5860, 10.6340, 16.5380$ is the 20% darker color. If you saturate the color by 10%, you get $195.4550, 18.7930, 28.3690$, and if you desaturate by 10%, it is $223.1410, 4.2170, 6.1770$.

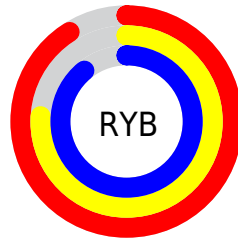
Distribution



Red (91%)

Green (76%)

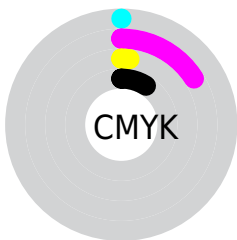
Blue (89%)



Red (91%)

Yellow (76%)

Blue (89%)

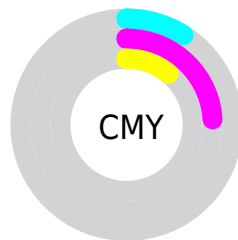


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (9%)



Cyan (9%)

Magenta (24%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.2980, 11.5050, 17.2730 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 209.2980, 11.5050, 17.2730 by changing the saturation by 10% instead.

209.2980, 11.5050,
17.2730

209.2980, 11.5050,
17.2730

255.0000, -0.0000,
-0.0000

181.8850, 11.2300,
16.7500

253.2390, 0.8250,
1.5690

154.5860, 10.6340,
16.5380

128.7600, 10.0840,
15.4920

103.4610, 9.4880,
15.2800

79.0480, 9.2130,
14.7570

55.6350, 8.9380,
14.2340

33.9230, 8.0670,

13.4990

■ 12.3470, 9.8090,
14.9690

■ 0.0000, 0.0000,
0.0000

■ 209.2980, 11.5050,
17.2730

■ 209.2980, 11.5050,
17.2730

■ 195.4550, 18.7930,
28.3690

■ 223.1410, 4.2170,
6.1770

■ 181.6120, 26.0810,
39.4650

■ 236.9840, -3.0710,
-4.9190

■ 167.6550, 33.6900,
50.2500

■ 245.6580, -8.2050,
-10.9970

■ 153.8120, 40.9780,
61.3460

■ 246.0000, -9.1680,
-10.0640

139.3820, 48.5410,
72.9650

246.3420,
-10.1310, -9.1310

125.5390, 55.8290,
84.0610

246.6840,
-11.0940, -8.1980

111.5820, 63.4380,
94.8460

247.1400,
-12.3780, -6.9540

97.7390, 70.7260,
105.9420

247.4820,
-13.3410, -6.0210

91.7550, 73.7970,
110.8610

247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



207.8380, -7.7510, 13.8250



209.2980, 11.5050, 17.2730



209.2580, 26.1770, 15.6890

Triad

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



209.2980, 11.5050, 17.2730



204.8650, 22.0090, -7.9030



198.0750, -40.1160, -10.8680

Complementary

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



209.2980, 11.5050, 17.2730



216.7020, -11.5050, -17.2730

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.



198.5890, -30.1200, -15.8160



209.2980, 11.5050, 17.2730



202.5640, 6.5590, -14.2490

Square

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



209.2980, 11.5050, 17.2730



207.1100, 31.8650, 0.7050



200.5170, -12.4220, -17.1740



200.4160, -39.3380, -2.9380

Rectangle

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



209.2980, 11.5050, 17.2730



208.6730, 32.1380, 12.2820



200.5170, -12.4220, -17.1740



198.2770, -37.8690, -13.0450

Sweetspot

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



209.2980, 11.5050, 17.2730



247.1410, 4.2170, 6.1770



200.5990, -8.5760, 12.2560



123.0760, 2.8420, 3.5620



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.



209.2980, 11.5050, 17.2730



226.0260, 15.4470, 22.9270



207.2460, 17.2830, 11.6750



107.7280, 3.9420, 5.6540



71.0770, 57.2500, 85.8420



20.2650, 16.2720, 24.4960

Inverse Universe

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



209.2980, 11.5050, 17.2730



226.0260, 15.4470, 22.9270



218.7540, -17.2830, -11.6750



107.7280, 3.9420, 5.6540



71.0770, 57.2500, 85.8420



20.2650, 16.2720, 24.4960

Previews

White Background



This preview shows how the YIQ color 209.2980, 11.5050, 17.2730 looks on a white background.

Color Contrast Check

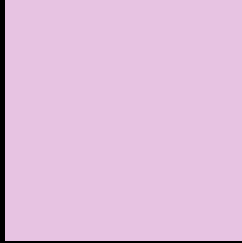
Large Text (above 18pt) WCAG AA × Fail

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 209.2980, 11.5050, 17.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

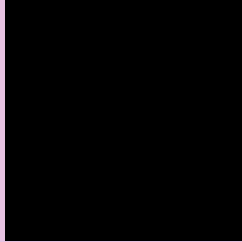
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.2980, 11.5050, 17.2730

Background



This preview shows how black text looks on a background with the YIQ color 209.2980, 11.5050, 17.2730.



This preview shows how white text looks on a background with the YIQ color 209.2980, 11.5050,

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

209.2980, 11.5050, 17.2730

Protanopia

206.5940, -10.1800, 8.2840

Deuteranopia

207.9330, 2.1070, 11.3790



Tritanopia

208.3920, 13.9360, 11.7600

Trichromacy



Original Color

209.2980, 11.5050, 17.2730

Protanomaly

207.8940, -2.1570, 11.5630

Deuteranomaly

208.2540, 5.6370, 13.4850

Tritanomaly

208.6740, 13.2020, 14.0500

Monochromacy



Original Color

209.2980, 11.5050, 17.2730

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1410, 4.2170, 6.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.2980, 11.5050, 17.2730 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, 195, 226)` looks like.

```
.text, #text, p{  
    color:rgb(231, 195, 226)  
}
```

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, 195, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 195, 226) }
```

Border

The CSS property to change the border of an element to YIQ 209.2980, 11.5050, 17.2730 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, 195, 226) }
```


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

```
.border{ border-color:rgb(231, 195, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 195, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 195, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 195, 226);  
box-shadow:4px 4px 4px 4px rgb(231, 195,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 209.2980, 11.5050, 17.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 195, 226) }
```

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

```
.background{ background-color: rgb(231,  
195, 226) }
```

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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