

# Converting Colors

YIQ(208.9810, 11.3200, 26.1360)

Have a look what the booklet for  
YIQ(208.9810, 11.3200, 26.1360)  
contains.

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# Color

**YIQ(208.9810, 11.3200,  
26.1360)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ECBDF1
RGB	236, 189, 241
RGB Percent	93%, 74%, 95%
CMY	0.0744, 0.2589, 0.0549
CMYK	0.02, 0.22, 0.00, 0.05
HSL	294°, 65%, 84%
HSV	294°, 22%, 95%
XYZ	68.6750, 60.5769, 91.2930
YIQ	208.9810, 11.3200, 26.1360

# Conversions

## Conversions Part 2

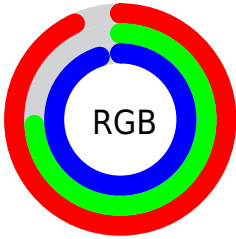
Format	Color
R <sub>Y</sub> B	236, 189, 241
Decimal	15515121
CIE Lab	82.15, 25.60, -19.37
CIE LCh	82, 32.102, 322.896
Yxy	60.5769, 0.3114, 0.2747
Android (android.graphics.Color)	4293705201 (0xFFECCBDF1)
YUV	208.9810, 15.7854, 23.6957
Hunter-Lab	77.8311, 21.2966, -15.0631

# Details

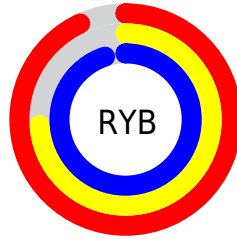
The YIQ color  $208.9810, 11.3200, 26.1360$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $221.0190, -11.3200, -26.1360$ , and the grayscale version is  $209.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.7170, 2.4750, 4.7070$ , and  $154.1550, 10.7700, 25.0900$  is the 20% darker color. If you saturate the color by 10%, you get  $194.2950, 16.7280, 38.2640$ , and if you desaturate by 10%, it is  $223.6670, 5.9120, 14.0080$ .

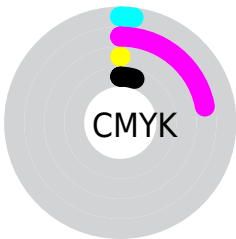
# Distribution



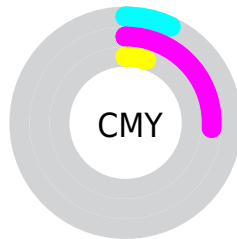
- Red (93%)
- Green (74%)
- Blue (95%)



- Red (93%)
- Yellow (74%)
- Blue (95%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)




- Cyan (7%)
- Magenta (26%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 208.9810, 11.3200, 26.1360 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 208.9810, 11.3200, 26.1360 by changing the saturation by 10% instead.





 208.9810, 11.3200,  
26.1360


 208.9810, 11.3200,  
26.1360


255.0000, -0.0000,  
-0.0000


 181.5680, 11.0450,  
25.6130


 249.7170, 2.4750,  
4.7070

 154.1550, 10.7700,  
25.0900

 128.3290, 10.2200,  
24.0440

 102.6170, 9.3490,  
23.3090

 78.0900, 9.3950,  
22.4750

 54.3780, 8.5240,  
21.7400

 31.6660, 7.6530,

21.0050

■ 14.0850, 7.7910,  
18.5030

■ 2.1830, -4.7690,  
3.8310

■ 208.9810, 11.3200,  
26.1360

■ 208.9810, 11.3200,  
26.1360

■ 194.2950, 16.7280,  
38.2640

■ 223.6670, 5.9120,  
14.0080

■ 179.3100, 21.5400,  
50.1800

■ 238.6520, 1.1000,  
2.0920

■ 164.6240, 26.9480,  
62.3080

■ 249.8160, -2.6580,  
-6.8980

■ 149.9380, 32.3560,  
74.4360

■ 250.4140, -1.4660,  
-6.4740

134.6650, 38.0390,  
87.0870

251.3110, 0.3220,  
-5.8380

119.6800, 42.8510,  
99.0030

251.9090, 1.5140,  
-5.4140

104.9940, 48.2590,  
111.1310

252.5070, 2.7060,  
-4.9900

92.6560, 52.5670,  
121.1670

253.1050, 3.8980,  
-4.5660

253.4040, 4.4940,  
-4.3540

# Harmonies

## Analogous

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



205.3840, -17.9760, 17.4160



208.9810, 11.3200, 26.1360



207.9480, 33.2820, 24.5940

# Triad

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



208.9810, 11.3200, 26.1360



203.5970, 37.3230, -10.1090



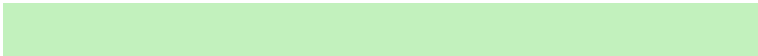
189.0930, -66.8900, -21.2420

# Complementary

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



208.9810, 11.3200, 26.1360



221.0190, -11.3200, -26.1360

# 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.



192.1370, -43.8270, -26.2190



208.9810, 11.3200, 26.1360



200.5400, 15.1340, -20.9780

# Square

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



208.9810, 11.3200, 26.1360



205.6730, 49.3330, 3.5170



196.3500, -13.7500, -26.1500



191.8730, -68.7260, -9.9900



# Rectangle

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



208.9810, 11.3200, 26.1360



204.9670, 40.2980, 18.5860



196.3500, -13.7500, -26.1500



189.4480, -60.7000, -23.2920

# Sweetspot

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



208.9810, 11.3200, 26.1360



245.8960, 3.5290, 7.6330



197.8630, -18.0670, 13.5570



122.4180, 1.8790, 4.4950



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.



208.9810, 11.3200, 26.1360



214.4640, 14.5740, 33.2460



208.0820, 21.0410, 20.6650



112.6570, 2.7040, 6.0640



70.6100, 39.8720, 92.4160



21.6330, 12.4200, 28.2280



# Inverse Universe

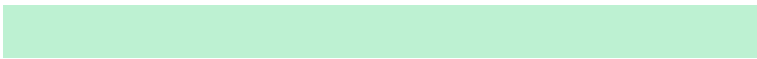
The Inverse Universe completely reimagines the original color for something new.



205.1180, 29.3870, 12.5790



209.4180, 37.4100, 15.8580



221.9180, -21.0410, -20.6650



111.7020, 6.8310, 2.8550



57.0680, 103.8860, 44.6060



17.3140, 31.7710, 13.4270



# Previews

## White Background



This preview shows how the YIQ color 208.9810, 11.3200, 26.1360 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

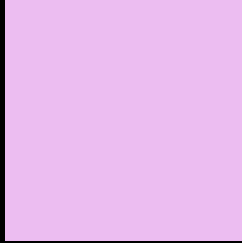
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 208.9810, 11.3200, 26.1360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

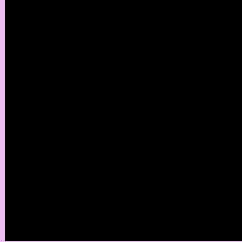
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 208.9810, 11.3200, 26.1360

## Background



This preview shows how black text looks on a background with the YIQ color 208.9810, 11.3200, 26.1360.



This preview shows how white text looks on a background with the YIQ color 208.9810, 11.3200,



# 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

208.9810, 11.3200, 26.1360

### Protanopia

205.6670, -20.4510, 12.7090

### Deuteranopia

206.8380, -7.7510, 13.8250



## Tritanopia

207.7730, 17.2370, 12.5090

# Trichromacy



## Original Color

208.9810, 11.3200, 26.1360

## Protanomaly

206.8750, -9.1730, 17.5710

## Deuteranomaly

207.5940, -1.0120, 18.3480

## Tritanomaly

208.1520, 14.8520, 17.1880

# Monochromacy



## Original Color

208.9810, 11.3200, 26.1360

## Achromatopsia

209.0000, 0.0000, 0.0000

## Achromatomaly

209.2490, 4.0330, 9.5130

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 208.9810, 11.3200, 26.1360 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(236, 189, 241)` looks like.

```
.text, #text, p{  
    color:rgb(236, 189, 241)  
}
```

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(236, 189, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 189, 241) }
```

## Border

The CSS property to change the border of an element to YIQ 208.9810, 11.3200, 26.1360 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(236, 189, 241) }
```



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

```
.border{ border-color:rgb(236, 189, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 189, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 189, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 189, 241);  
box-shadow:4px 4px 4px 4px rgb(236, 189,  
241) }
```

# Background

The CSS property to change the background color of an element to YIQ 208.9810, 11.3200, 26.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 189, 241) }
```

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

```
.background{ background-color: rgb(236,  
189, 241) }
```

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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