

Converting Colors

YIQ(171.8380, 28.9210, 54.0810)

Have a look what the booklet for
YIQ(171.8380, 28.9210, 54.0810)
contains.

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Color

**YIQ(171.8380, 28.9210,
54.0810)**

Conversions

Conversions Part 1

Format	Color
Hex	E981E8
RGB	233, 129, 232
RGB Percent	91%, 51%, 91%
CMY	0.0860, 0.4943, 0.0902
CMYK	0.00, 0.45, 0.00, 0.09
HSL	301°, 70%, 71%
HSV	301°, 45%, 91%
XYZ	56.0415, 38.8528, 80.8962
YIQ	171.8380, 28.9210, 54.0810

Conversions

Conversions Part 2

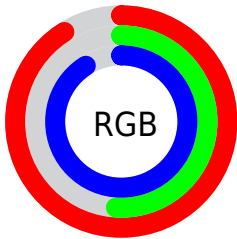
Format	Color
R _Y B	233, 129, 232
Decimal	15303144
CIE Lab	68.64, 54.42, -35.20
CIE LCh	69, 64.816, 327.103
Yxy	38.8528, 0.3188, 0.2210
Android (android.graphics.Color)	4293493224 (0xFFE981E8)
YUV	171.8380, 29.6599, 53.6391
Hunter-Lab	62.3320, 51.4049, -33.3158

Details

The YIQ color **171.8380, 28.9210, 54.0810** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **190.1620, -28.9210, -54.0810**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.9100, 19.2500, 36.6100**, and **116.4140, 27.1790, 52.6110** is the 20% darker color. If you saturate the color by 10%, you get **158.3370, 35.2460, 66.1100**, and if you desaturate by 10%, it is **185.3390, 22.5960, 42.0520**.

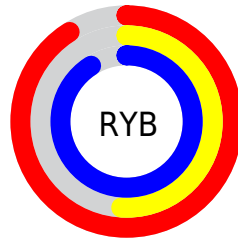
Distribution



Red (91%)

Green (51%)

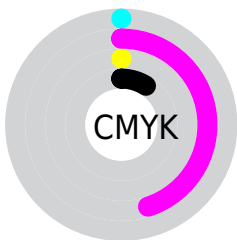
Blue (91%)



Red (91%)

Yellow (51%)

Blue (91%)

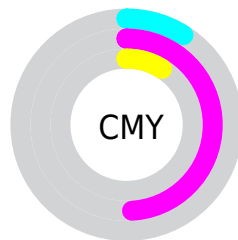


Cyan (0%)

Magenta (45%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (49%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.8380, 28.9210, 54.0810 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 171.8380, 28.9210, 54.0810 by changing the saturation by 10% instead.

171.8380, 28.9210,
54.0810

171.8380, 28.9210,
54.0810

255.0000, -0.0000,
-0.0000

144.1260, 28.0500,
53.3460

213.3230, 19.5250,
37.1330

116.4140, 27.1790,
52.6110

230.3460, 11.5500,
21.9660

88.5280, 26.8580,
52.9220

247.3690, 3.5750,
6.7990

57.5330, 28.4620,
56.8940

38.9790, 23.9700,
50.1940

28.3550, 16.4990,
36.9070

18.8560, 10.1740,

24.8780

■ 3.1920, -8.9880,
8.7080

■ 0.0000, 0.0000,
0.0000

■ 171.8380, 28.9210,
54.0810

■ 171.8380, 28.9210,
54.0810

■ 158.3370, 35.2460,
66.1100

■ 185.3390, 22.5960,
42.0520

■ 144.2490, 41.8460,
78.6620

■ 199.4270, 15.9960,
29.5000

■ 130.6340, 48.4920,
90.3800

■ 213.0420, 9.3500,
17.7820

■ 117.1330, 54.8170,
102.4090

■ 226.5430, 3.0250,
5.7530

103.0450, 61.4170,
114.9610

240.6310, -3.5750,
-6.7990

96.0010, 64.7170,
121.2370

245.9140, -6.0500,
-11.5060

246.0280, -6.3710,
-11.1950

Harmonies

Analogous

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



166.7100, -30.0370, 32.2590



171.8380, 28.9210, 54.0810



162.0530, 64.6840, 50.2200

Triad

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



171.8380, 28.9210, 54.0810



160.5960, 64.2860, -30.7060



139.4310, -123.9240, -33.8760

Complementary

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



171.8380, 28.9210, 54.0810



190.1620, -28.9210, -54.0810

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.



132.7050, -104.9850, -52.2250



171.8380, 28.9210, 54.0810



155.0570, 19.9070, -46.9170

Square

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



171.8380, 28.9210, 54.0810



163.7850, 86.8840, 0.2920



141.4680, -47.3980, -55.1260



140.0130, -133.8300, -19.5420

Rectangle

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



171.8380, 28.9210, 54.0810



158.6670, 76.9740, 36.7340



141.4680, -47.3980, -55.1260



137.8520, -118.1000, -40.3080

Sweetspot

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



171.8380, 28.9210, 54.0810



235.6290, 9.0750, 17.2590



140.8560, -33.3840, 32.3440



115.5590, 6.0960, 10.6720



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.



171.8380, 28.9210, 54.0810



173.8800, 38.2710, 71.8630



166.0240, 45.2920, 38.2200



110.5430, 3.0250, 5.7530



74.5250, 50.4170, 94.0410



22.1880, 15.1710, 27.9310

Inverse Universe

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



171.8380, 28.9210, 54.0810



173.8800, 38.2710, 71.8630



195.9760, -45.2920, -38.2200



110.5430, 3.0250, 5.7530



74.5250, 50.4170, 94.0410



22.1880, 15.1710, 27.9310

Previews

White Background



This preview shows how the YIQ color 171.8380, 28.9210, 54.0810 looks on a white background.

Color Contrast Check

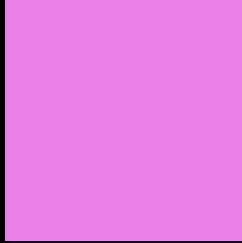
Large Text (above 18pt) WCAG AA × Fail

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 171.8380, 28.9210, 54.0810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

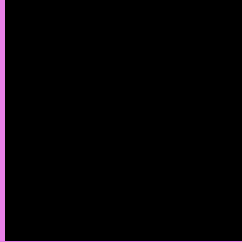
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.8380, 28.9210, 54.0810

Background



This preview shows how black text looks on a background with the YIQ color 171.8380, 28.9210, 54.0810.



This preview shows how white text looks on a background with the YIQ color 171.8380, 28.9210,

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

171.8380, 28.9210, 54.0810

Protanopia

166.5890, -46.1740, 21.8420

Deuteranopia

167.9530, -27.0080, 15.9040



Tritanopia

170.5760, 42.9570, 19.9570

Trichromacy



Original Color

171.8380, 28.9210, 54.0810



Protanomaly

168.5110, -19.1710, 33.5730



Deuteranomaly

169.3350, -7.1120, 29.7840



Tritanomaly

171.0290, 37.7280, 32.1280

Monochromacy



Original Color

171.8380, 28.9210, 54.0810



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

171.6940, 10.4500, 19.8740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.8380, 28.9210, 54.0810 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, 129, 232)` looks like.

```
.text, #text, p{  
    color:rgb(233, 129, 232)  
}
```

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, 129, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 129, 232) }
```

Border

The CSS property to change the border of an element to YIQ 171.8380, 28.9210, 54.0810 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, 129, 232) }
```


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

```
.border{ border-color:rgb(233, 129, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 129, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 129, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 129, 232);  
box-shadow:4px 4px 4px 4px rgb(233, 129,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 171.8380, 28.9210, 54.0810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 129, 232) }
```

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

```
.background{ background-color: rgb(233,  
129, 232) }
```

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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