

# Converting Colors

YIQ(180.3350, 28.4190, 41.1470)

Have a look what the booklet for  
YIQ(180.3350, 28.4190, 41.1470)  
contains.

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# Color

**YIQ(180.3350, 28.4190,  
41.1470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E992DB
RGB	233, 146, 219
RGB Percent	91%, 57%, 86%
CMY	0.0860, 0.4276, 0.1411
CMYK	0.00, 0.37, 0.06, 0.09
HSL	310°, 67%, 74%
HSV	310°, 37%, 91%
XYZ	56.6866, 42.9963, 72.3391
YIQ	180.3350, 28.4190, 41.1470

# Conversions

## Conversions Part 2

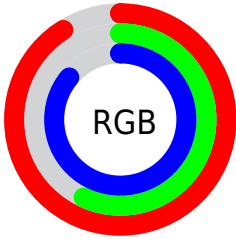
Format	Color
R <sub>Y</sub> B	233, 146, 219
Decimal	15307483
CIE Lab	71.55, 43.49, -23.56
CIE LCh	72, 49.465, 331.552
Yxy	42.9963, 0.3295, 0.2499
Android (android.graphics.Color)	4293497563 (0xFFE992DB)
YUV	180.3350, 19.0618, 46.1872
Hunter-Lab	65.5715, 39.5632, -19.5092

# Details

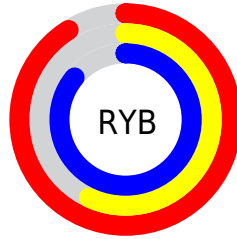
The YIQ color **180.3350, 28.4190, 41.1470** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **198.6650, -28.4190, -41.1470**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.3020, 14.8500, 28.2420**, and **125.9110, 26.6770, 39.6770** is the 20% darker color. If you saturate the color by 10%, you get **166.3780, 36.0280, 51.9320**, and if you desaturate by 10%, it is **194.2920, 20.8100, 30.3620**.

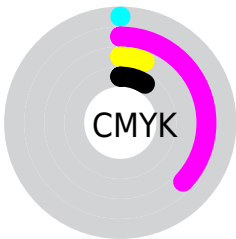
# Distribution



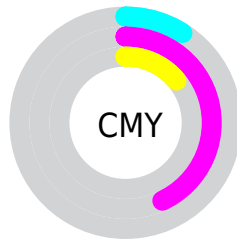
- Red (91%)
- Green (57%)
- Blue (86%)



- Red (91%)
- Yellow (57%)
- Blue (86%)



- Cyan (0%)
- Magenta (37%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (43%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 180.3350, 28.4190, 41.1470 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 180.3350, 28.4190, 41.1470 by changing the saturation by 10% instead.



180.3350, 28.4190,  
41.1470

180.3350, 28.4190,  
41.1470

255.0000, -0.0000,  
-0.0000

152.6230, 27.5480,  
40.4120

223.3020, 14.8500,  
28.2420

125.9110, 26.6770,  
39.6770

240.3250, 6.8750,  
13.0750

99.1990, 25.8060,  
38.9420

73.6010, 24.6140,  
38.5180

45.3670, 25.3930,  
40.9210

27.9270, 20.5800,  
34.5320

18.8410, 14.5300,

23.0260

■ 4.5580, -1.3310,  
7.6050

■ 0.0000, 0.0000,  
0.0000

■ 180.3350, 28.4190,  
41.1470

■ 180.3350, 28.4190,  
41.1470

■ 166.3780, 36.0280,  
51.9320

■ 194.2920, 20.8100,  
30.3620

■ 151.8340, 43.9120,  
63.2400

■ 208.8360, 12.9260,  
19.0540

■ 137.9910, 51.2000,  
74.3360

■ 222.6790, 5.6380,  
7.9580

■ 124.0340, 58.8090,  
85.1210

■ 236.6360, -1.9710,  
-2.8270

109.4900, 66.6930,  
96.4290

246.4840, -7.6550,  
-9.9510

95.5330, 74.3020,  
107.2140

246.9400, -8.9390,  
-8.7070

91.8970, 76.2730,  
110.0410

247.2820, -9.9020,  
-7.7740

247.7380,  
-11.1860, -6.5300

248.1940,  
-12.4700, -5.2860

# Harmonies

## Analogous

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



178.8270, -17.2450, 31.7070



180.3350, 28.4190, 41.1470



177.2010, 57.8550, 36.3110

# Triad

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



180.3350, 28.4190, 41.1470



171.2860, 45.0280, -23.1000



140.8330, -125.1160, -34.3000

# Complementary

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



180.3350, 28.4190, 41.1470



198.6650, -28.4190, -41.1470

# 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.



136.2900, -110.9460, -48.8180



180.3350, 28.4190, 41.1470



166.1720, 9.8180, -34.7740

# Square

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



180.3350, 28.4190, 41.1470



173.9660, 67.2610, -2.0110



158.1030, -38.4600, -40.8920



141.0730, -134.0590, -20.8990



# Rectangle

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



180.3350, 28.4190, 41.1470



174.9550, 66.9350, 25.9350



158.1030, -38.4600, -40.8920



139.8240, -120.8970, -39.1770

# Sweetspot

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



180.3350, 28.4190, 41.1470



237.9940, 9.3050, 13.0890



159.8050, -20.1790, 29.8130



117.6790, 5.6380, 7.9580



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.



180.3350, 28.4190, 41.1470



185.3290, 37.7240, 54.2360



175.4330, 42.2220, 27.7740



110.3150, 3.6670, 5.1310



71.4470, 59.0840, 85.6440



21.2760, 17.7390, 25.4430



# Inverse Universe

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



180.3350, 28.4190, 41.1470



185.3290, 37.7240, 54.2360



203.5670, -42.2220, -27.7740



110.3150, 3.6670, 5.1310



71.4470, 59.0840, 85.6440



21.2760, 17.7390, 25.4430



# Previews

## White Background



This preview shows how the YIQ color 180.3350, 28.4190, 41.1470 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

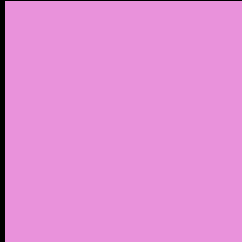
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 180.3350, 28.4190, 41.1470 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

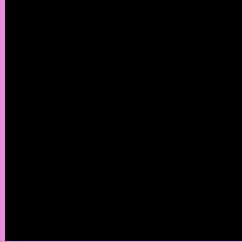
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 180.3350, 28.4190, 41.1470

## Background



This preview shows how black text looks on a background with the YIQ color 180.3350, 28.4190, 41.1470.



This preview shows how white text looks on a background with the YIQ color 180.3350, 28.4190,

41.1470.

# 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

180.3350, 28.4190, 41.1470

### Protanopia

175.7400, -30.7220, 17.1340

### Deuteranopia

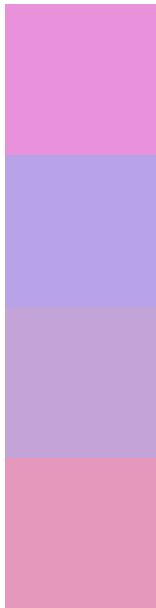
177.0870, -12.8860, 13.2740



## Tritanopia

178.5970, 38.4640, 18.7840

# Trichromacy



## Original Color

180.3350, 28.4190, 41.1470

## Protanomaly

177.4440, -9.0370, 26.1230

## Deuteranomaly

178.6100, 2.0590, 23.2670

## Tritanomaly

179.0130, 34.6570, 27.2090

# Monochromacy



## Original Color

180.3350, 28.4190, 41.1470

## Achromatopsia

180.0000, -0.0000, -0.0000

## Achromatomaly

180.2330, 10.1300, 14.6580

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 180.3350, 28.4190, 41.1470 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, 146, 219)` looks like.

```
.text, #text, p{  
    color:rgb(233, 146, 219)  
}
```

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, 146, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 146, 219) }
```

## Border

The CSS property to change the border of an element to YIQ 180.3350, 28.4190, 41.1470 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, 146, 219) }
```



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

```
.border{ border-color:rgb(233, 146, 219) }
```

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

Here you see how a box with a 4 pixel rgb(233, 146, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 146, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 146, 219);  
box-shadow:4px 4px 4px 4px rgb(233, 146,  
219) }
```

# Background

The CSS property to change the background color of an element to YIQ 180.3350, 28.4190, 41.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 146, 219) }
```

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

```
.background{ background-color: rgb(233,  
146, 219) }
```

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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