

Converting Colors

YIQ(180.1480, 21.8160, 45.1760)

Have a look what the booklet for
YIQ(180.1480, 21.8160, 45.1760)
contains.

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Color

**YIQ(180.1480, 21.8160,
45.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	E591E9
RGB	229, 145, 233
RGB Percent	90%, 57%, 91%
CMY	0.1017, 0.4315, 0.0863
CMYK	0.02, 0.38, 0.00, 0.09
HSL	297°, 67%, 74%
HSV	297°, 38%, 91%
XYZ	57.1625, 42.7922, 82.3412
YIQ	180.1480, 21.8160, 45.1760

Conversions

Conversions Part 2

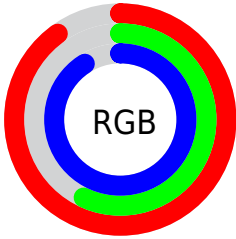
Format	Color
R _Y B	229, 145, 233
Decimal	15045097
CIE Lab	71.41, 45.26, -31.50
CIE LCh	71, 55.146, 325.164
Yxy	42.7922, 0.3136, 0.2347
Android (android.graphics.Color)	4293235177 (0xFFE591E9)
YUV	180.1480, 26.0560, 42.8432
Hunter-Lab	65.4158, 41.5017, -28.8395

Details

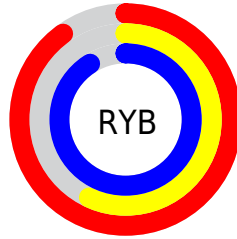
The YIQ color **180.1480, 21.8160, 45.1760** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **197.8520, -21.8160, -45.1760**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.7150, 15.1250, 28.7650**, and **125.6100, 20.3950, 43.3950** is the 20% darker color. If you saturate the color by 10%, you get **166.3480, 27.5450, 56.9930**, and if you desaturate by 10%, it is **193.9480, 16.0870, 33.3590**.

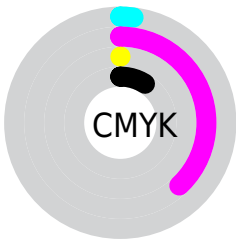
Distribution



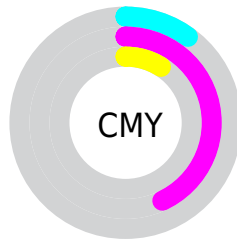
- Red (90%)
- Green (57%)
- Blue (91%)



- Red (90%)
- Yellow (57%)
- Blue (91%)



- Cyan (2%)
- Magenta (38%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (43%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.1480, 21.8160, 45.1760 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 180.1480, 21.8160, 45.1760 by changing the saturation by 10% instead.

180.1480, 21.8160,
45.1760

180.1480, 21.8160,
45.1760

255.0000, -0.0000,
-0.0000

152.4360, 20.9450,
44.4410

222.7150, 15.1250,
28.7650

125.6100, 20.3950,
43.3950

239.7380, 7.1500,
13.5980

98.8980, 19.5240,
42.6600

72.8980, 19.5240,
42.6600

44.3650, 19.7070,
44.8510

28.2840, 15.2610,
37.3170

19.0840, 9.5320,

25.5000

■ 3.9040, -8.1170,
9.4430

■ 0.0000, 0.0000,
0.0000

■ 180.1480, 21.8160,
45.1760

■ 180.1480, 21.8160,
45.1760

■ 166.3480, 27.5450,
56.9930

■ 193.9480, 16.0870,
33.3590

■ 151.9610, 33.5490,
69.3330

■ 208.3350, 10.0830,
21.0190

■ 138.1610, 39.2780,
81.1500

■ 222.1350, 4.3540,
9.2020

■ 124.3610, 45.0070,
92.9670

■ 235.9350, -1.3750,
-2.6150

■ 109.9740, 51.0110,
105.3070

■ 246.2130, -5.4540,
-11.2940

■ 96.1740, 56.7400,
117.1240

■ 246.5120, -4.8580,
-11.0820

■ 93.2390, 58.1150,
119.7390

■ 246.8110, -4.2620,
-10.8700

■ 247.1100, -3.6660,
-10.6580

■ 247.4090, -3.0700,
-10.4460

Harmonies

Analogous

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



175.2600, -28.8900, 27.9900



180.1480, 21.8160, 45.1760



174.8190, 56.2950, 42.5590

Triad

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



180.1480, 21.8160, 45.1760



170.3860, 56.4900, -21.5740



142.0240, -124.3360, -37.4240

Complementary

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



180.1480, 21.8160, 45.1760



197.8520, -21.8160, -45.1760

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.



136.2100, -107.9650, -53.2850



180.1480, 21.8160, 45.1760



166.0390, 20.3180, -37.8420

Square

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



180.1480, 21.8160, 45.1760



173.3910, 76.4300, 2.5260



157.1760, -31.5360, -45.2320



142.9480, -135.2050, -22.1570

Rectangle

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



180.1480, 21.8160, 45.1760



170.9430, 67.2090, 31.9850



157.1760, -31.5360, -45.2320



140.2000, -119.2000, -42.4000

Sweetspot

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



180.1480, 21.8160, 45.1760



238.2650, 7.1040, 14.4320



157.3800, -29.3480, 25.2760



117.7220, 4.0790, 8.6790



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.



180.1480, 21.8160, 45.1760



186.0000, 28.6450, 59.0850



176.7840, 37.0400, 33.5840



110.5430, 3.0250, 5.7530



72.3610, 45.0070, 92.9670



21.4050, 13.0620, 27.6060

Inverse Universe

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



171.7680, 51.1640, 19.9000



174.9550, 66.9350, 25.9350



201.2160, -37.0400, -33.5840



109.2890, 6.5560, 2.3320



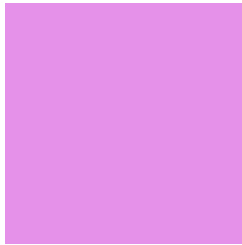
55.0310, 105.3080, 40.8600



16.3740, 31.5420, 12.0700

Previews

White Background



This preview shows how the YIQ color 180.1480, 21.8160, 45.1760 looks on a white background.

Color Contrast Check

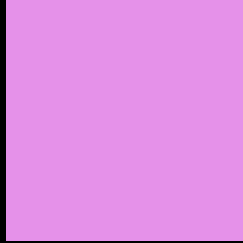
Large Text (above 18pt) WCAG AA × Fail

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 180.1480, 21.8160, 45.1760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

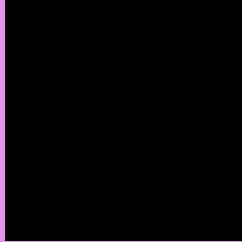
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.1480, 21.8160, 45.1760

Background



This preview shows how black text looks on a background with the YIQ color 180.1480, 21.8160, 45.1760.



This preview shows how white text looks on a background with the YIQ color 180.1480, 21.8160,

45.1760.

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

180.1480, 21.8160, 45.1760

Protanopia

175.0580, -40.3050, 20.1030

Deuteranopia

175.9920, -22.7440, 15.7200



Tritanopia

178.2050, 33.6960, 17.0880

Trichromacy



Original Color

180.1480, 21.8160, 45.1760



Protanomaly

176.9470, -17.7030, 28.9930



Deuteranomaly

177.5260, -6.3320, 26.6600



Tritanomaly

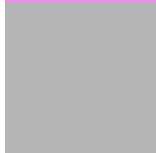
178.7890, 29.4760, 27.4920

Monochromacy



Original Color

180.1480, 21.8160, 45.1760



Achromatopsia

180.0000, -0.0000, -0.0000



Achromatomaly

179.9170, 8.2040, 16.5240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.1480, 21.8160, 45.1760 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(229, 145, 233)` looks like.

```
.text, #text, p{  
    color:rgb(229, 145, 233)  
}
```

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(229, 145, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 145, 233) }
```

Border

The CSS property to change the border of an element to YIQ 180.1480, 21.8160, 45.1760 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(229, 145, 233) }
```


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

```
.border{ border-color:rgb(229, 145, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 145, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 145, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 145, 233);  
box-shadow:4px 4px 4px 4px rgb(229, 145,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 180.1480, 21.8160, 45.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 145, 233) }
```

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

```
.background{ background-color: rgb(229,  
145, 233) }
```

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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