

Converting Colors

YIQ(183.4800, 17.6450, 38.1650)

Have a look what the booklet for
YIQ(183.4800, 17.6450, 38.1650)
contains.

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Color

**YIQ(183.4800, 17.6450,
38.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	E09AE5
RGB	224, 154, 229
RGB Percent	88%, 60%, 90%
CMY	0.1213, 0.3962, 0.1019
CMYK	0.02, 0.33, 0.00, 0.10
HSL	296°, 59%, 75%
HSV	296°, 33%, 90%
XYZ	56.4514, 44.6149, 79.7672
YIQ	183.4800, 17.6450, 38.1650

Conversions

Conversions Part 2

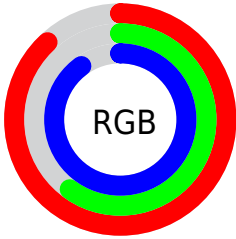
Format	Color
RYB	224, 154, 229
Decimal	14719717
CIELab	72.64, 38.23, -27.47
CIELCh	73, 47.078, 324.300
Yxy	44.6149, 0.3122, 0.2467
Android (android.graphics.Color)	4292909797 (0xFFE09AE5)
YUV	183.4800, 22.4414, 35.5360
Hunter-Lab	66.7944, 33.9695, -24.0493

Details

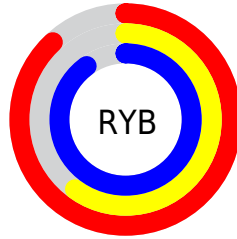
The YIQ color $183.4800, 17.6450, 38.1650$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $199.5200, -17.6450, -38.1650$, and the grayscale version is $183.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $227.9980, 12.6500, 24.0580$, and $129.2410, 16.8200, 36.5960$ is the 20% darker color. If you saturate the color by 10%, you get $169.6800, 23.3740, 49.9820$, and if you desaturate by 10%, it is $197.5790, 12.5120, 26.5600$.

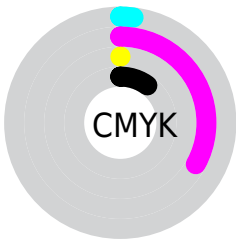
Distribution



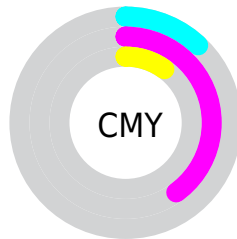
- Red (88%)
- Green (60%)
- Blue (90%)



- Red (88%)
- Yellow (60%)
- Blue (90%)



- Cyan (2%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)





- Cyan (12%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.4800, 17.6450, 38.1650 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 183.4800, 17.6450, 38.1650 by changing the saturation by 10% instead.


 183.4800, 17.6450,
38.1650


 183.4800, 17.6450,
38.1650


255.0000, -0.0000,
-0.0000


 156.0670, 17.3700,
37.6420


 227.9980, 12.6500,
24.0580


 129.2410, 16.8200,
36.5960

 245.0210, 4.6750,
8.8910

 103.2300, 15.3530,
35.6490

 78.4040, 14.8030,
34.6030

 53.1050, 14.2070,
34.3910

 27.0450, 14.4360,
35.7480

 17.8450, 8.7070,

23.9310

■ 3.0780, -8.6670,
8.3970

■ 0.0000, 0.0000,
0.0000

■ 183.4800, 17.6450,
38.1650

■ 183.4800, 17.6450,
38.1650

■ 169.6800, 23.3740,
49.9820

■ 197.5790, 12.5120,
26.5600

■ 155.5810, 28.5070,
61.5870

■ 211.3790, 6.7830,
14.7430

■ 141.7810, 34.2360,
73.4040

■ 225.4780, 1.6500,
3.1380

■ 127.6820, 39.3690,
85.0090

■ 239.2780, -4.0790,
-8.6790

■ 113.8820, 45.0980,
96.8260

■ 245.1590, -5.3620,
-12.9620

■ 100.3700, 49.9560,
107.9080

■ 245.4580, -4.7660,
-12.7500

■ 90.0920, 54.0350,
116.5870

■ 246.0560, -3.5740,
-12.3260

■ 246.3550, -2.9780,
-12.1140

■ 246.9530, -1.7860,
-11.6900

Harmonies

Analogous

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



179.3910, -27.8810, 26.2230



183.4800, 17.6450, 38.1650



181.9060, 51.4360, 37.0040

Triad

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



183.4800, 17.6450, 38.1650



175.3130, 49.5660, -17.2340



141.5680, -123.0520, -38.6680

Complementary

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



183.4800, 17.6450, 38.1650



199.5200, -17.6450, -38.1650

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.



148.5120, -85.0880, -43.8720



183.4800, 17.6450, 38.1650



171.0700, 19.0330, -31.0710

Square

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



183.4800, 17.6450, 38.1650



177.6550, 66.9390, 3.8270



164.1110, -23.7430, -37.7830



142.6230, -132.9120, -25.1680

Rectangle

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



183.4800, 17.6450, 38.1650



178.3120, 61.6160, 28.7200



164.1110, -23.7430, -37.7830



140.5590, -118.8330, -43.5450

Sweetspot

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



183.4800, 17.6450, 38.1650



239.7270, 5.6830, 12.6510



165.4850, -25.4500, 20.7100



118.0100, 3.2080, 7.9440



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.



183.4800, 17.6450, 38.1650



194.7940, 23.0530, 50.2930



181.2130, 31.2180, 28.9620



107.6570, 2.7040, 6.0640



70.3390, 42.0730, 91.0730



20.1660, 12.2370, 26.0370

Inverse Universe

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



176.9950, 43.0950, 17.4550



186.2850, 57.0780, 22.8540



201.6730, -30.8970, -29.2730



106.7020, 6.8310, 2.8550



54.8890, 102.8320, 41.6800



15.5910, 29.4330, 11.7450

Previews

White Background



This preview shows how the YIQ color 183.4800, 17.6450, 38.1650 looks on a white background.

Color Contrast Check

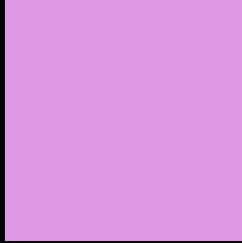
Large Text (above 18pt) WCAG AA × Fail

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 183.4800, 17.6450, 38.1650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

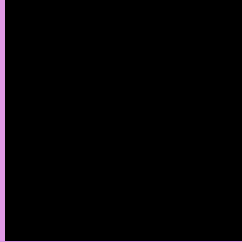
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.4800, 17.6450, 38.1650

Background



This preview shows how black text looks on a background with the YIQ color 183.4800, 17.6450, 38.1650.



This preview shows how white text looks on a background with the YIQ color 183.4800, 17.6450,

38.1650.

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

183.4800, 17.6450, 38.1650

Protanopia

178.5980, -33.1980, 17.9540

Deuteranopia

179.8030, -17.8380, 14.9140



Tritanopia

181.3290, 27.4150, 15.2790

Trichromacy



Original Color

183.4800, 17.6450, 38.1650



Protanomaly

180.3940, -14.7680, 25.3600



Deuteranomaly

180.9020, -4.6350, 23.4370



Tritanomaly

182.0440, 24.2040, 23.9160

Monochromacy



Original Color

183.4800, 17.6450, 38.1650



Achromatopsia

183.0000, -0.0000, -0.0000



Achromatomaly

182.9660, 6.5080, 14.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.4800, 17.6450, 38.1650 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(224, 154, 229)` looks like.

```
.text, #text, p{  
    color:rgb(224, 154, 229)  
}
```

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(224, 154, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 154, 229) }
```

Border

The CSS property to change the border of an element to YIQ 183.4800, 17.6450, 38.1650 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(224, 154, 229) }
```


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

```
.border{ border-color:rgb(224, 154, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 154, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 154, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 154, 229);  
box-shadow:4px 4px 4px 4px rgb(224, 154,  
229) }
```

Background

The CSS property to change the background color of an element to YIQ 183.4800, 17.6450, 38.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 154, 229) }
```

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

```
.background{ background-color: rgb(224,  
154, 229) }
```

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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