

Converting Colors

YIQ(183.2090, 19.8460, 36.8220)

Have a look what the booklet for
YIQ(183.2090, 19.8460, 36.8220)
contains.

YIQ(183.2090, 19.8460, 36.8220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(183.2090, 19.8460,
36.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	E19AE0
RGB	225, 154, 224
RGB Percent	88%, 60%, 88%
CMY	0.1174, 0.3962, 0.1215
CMYK	0.00, 0.32, 0.00, 0.12
HSL	301°, 54%, 74%
HSV	301°, 32%, 88%
XYZ	56.0743, 44.4998, 76.1593
YIQ	183.2090, 19.8460, 36.8220

Conversions

Conversions Part 2

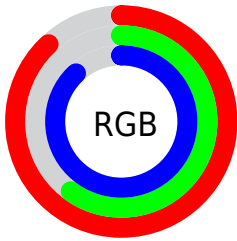
Format	Color
R _Y B	225, 154, 224
Decimal	14785248
CIE Lab	72.56, 37.62, -24.84
CIE LCh	73, 45.084, 326.562
Yxy	44.4998, 0.3173, 0.2518
Android (android.graphics.Color)	4292975328 (0xFFE19AE0)
YUV	183.2090, 20.1100, 36.6507
Hunter-Lab	66.7082, 33.3062, -20.9944

Details

The YIQ color **183.2090, 19.8460, 36.8220** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.7910, -19.8460, -36.8220**, 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 **129.6710, 18.4250, 35.0410** is the 20% darker color. If you saturate the color by 10%, you get **169.7080, 26.1710, 48.8510**, and if you desaturate by 10%, it is **196.1230, 13.7960, 25.3160**.

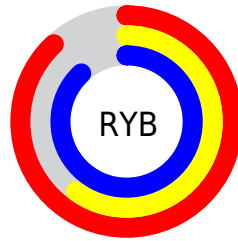
Distribution



Red (88%)

Green (60%)

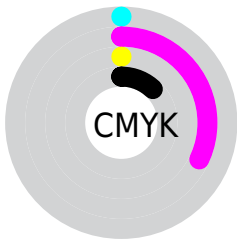
Blue (88%)



Red (88%)

Yellow (60%)

Blue (88%)

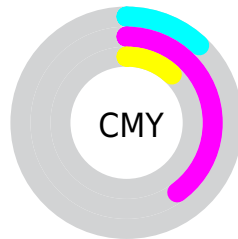


Cyan (0%)

Magenta (32%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (40%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 183.2090, 19.8460, 36.8220 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 183.2090, 19.8460, 36.8220 by changing the saturation by 10% instead.

 183.2090, 19.8460,
36.8220


 183.2090, 19.8460,
36.8220


255.0000, -0.0000,
-0.0000


 155.7960, 19.5710,
36.2990


 227.9980, 12.6500,
24.0580


 129.0840, 18.7000,
35.5640

 245.0210, 4.6750,
8.8910

 102.9590, 17.5540,
34.3060

 78.1330, 17.0040,
33.2600

 52.8340, 16.4080,
33.0480

 26.8880, 16.3160,
34.7160

 17.6880, 10.5870,

22.8990

■ 3.0350, -7.1080,
7.6760

■ 0.0000, 0.0000,
0.0000

■ 183.2090, 19.8460,
36.8220

■ 183.2090, 19.8460,
36.8220

■ 169.7080, 26.1710,
48.8510

■ 196.1230, 13.7960,
25.3160

■ 156.6800, 32.5420,
60.0460

■ 209.7380, 7.1500,
13.5980

■ 143.1790, 38.8670,
72.0750

■ 222.6520, 1.1000,
2.0920

■ 130.2650, 44.9170,
83.5810

■ 236.1530, -5.2250,
-9.9370

■ 116.6500, 51.5630,
95.2990

■ 242.7240, -8.5710,
-15.3790

■ 103.7360, 57.6130,
106.8050

■ 242.8380, -8.8920,
-15.0680

■ 92.5830, 62.8380,
116.7420

Harmonies

Analogous

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



180.2560, -23.0670, 27.0850



183.2090, 19.8460, 36.8220



181.4390, 51.2530, 34.8130

Triad

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



183.2090, 19.8460, 36.8220



175.0460, 45.9440, -17.6720



141.2090, -123.4190, -37.5230

Complementary

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



183.2090, 19.8460, 36.8220



195.7910, -19.8460, -36.8220

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.



150.1750, -82.5210, -40.8330



183.2090, 19.8460, 36.8220



171.3300, 15.3650, -30.6750

Square

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



183.2090, 19.8460, 36.8220



177.6330, 64.0050, 1.9330



164.3820, -25.9440, -36.4400



141.9220, -132.3160, -24.9560

Rectangle

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



183.2090, 19.8460, 36.8220



179.2580, 61.7080, 27.0520



164.3820, -25.9440, -36.4400



140.2000, -119.2000, -42.4000

Sweetspot

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



183.2090, 19.8460, 36.8220



241.4990, 6.3250, 12.0290



162.0940, -22.7910, 22.0810



119.0810, 4.4460, 7.5340



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.



183.2090, 19.8460, 36.8220



197.9470, 26.9960, 50.4200



179.3330, 30.7600, 26.2480



105.5430, 3.0250, 5.7530



72.3460, 49.3630, 91.1150



19.8240, 13.2000, 25.1040

Inverse Universe

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



183.2090, 19.8460, 36.8220



197.9470, 26.9960, 50.4200



199.7810, -31.0810, -25.9370



105.5430, 3.0250, 5.7530



72.3460, 49.3630, 91.1150



19.8240, 13.2000, 25.1040

Previews

White Background



This preview shows how the YIQ color 183.2090, 19.8460, 36.8220 looks on a white background.

Color Contrast Check

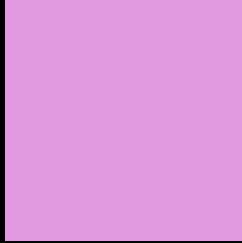
Large Text (above 18pt) WCAG AA × Fail

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 183.2090, 19.8460, 36.8220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

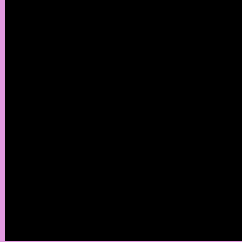
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.2090, 19.8460, 36.8220

Background



This preview shows how black text looks on a background with the YIQ color 183.2090, 19.8460, 36.8220.



This preview shows how white text looks on a background with the YIQ color 183.2090, 19.8460,

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

183.2090, 19.8460, 36.8220

Protanopia

178.5120, -30.0800, 16.5120

Deuteranopia

179.8310, -15.0410, 13.7830



Tritanopia

181.2260, 29.2030, 15.9150

Trichromacy



Original Color

183.2090, 19.8460, 36.8220



Protanomaly

180.3080, -11.6500, 23.9180



Deuteranomaly

180.9300, -1.8380, 22.3060



Tritanomaly

182.0010, 25.7630, 23.1950

Monochromacy



Original Color

183.2090, 19.8460, 36.8220



Achromatopsia

183.0000, -0.0000, -0.0000



Achromatomaly

182.7380, 7.1500, 13.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.2090, 19.8460, 36.8220 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(225, 154, 224)` looks like.

```
.text, #text, p{  
    color:rgb(225, 154, 224)  
}
```

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(225, 154, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 154, 224) }
```

Border

The CSS property to change the border of an element to YIQ 183.2090, 19.8460, 36.8220 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(225, 154, 224) }
```


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

```
.border{ border-color:rgb(225, 154, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 154, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 154, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 154, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 154,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 183.2090, 19.8460, 36.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 154, 224) }
```

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

```
.background{ background-color: rgb(225,  
154, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor