

Converting Colors

YIQ(181.2690, 19.6170, 35.4650)

Have a look what the booklet for
YIQ(181.2690, 19.6170, 35.4650)
contains.

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Color

**YIQ(181.2690, 19.6170,
35.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	DE99DC
RGB	222, 153, 220
RGB Percent	87%, 60%, 86%
CMY	0.1292, 0.4001, 0.1372
CMYK	0.00, 0.31, 0.01, 0.13
HSL	302°, 51%, 74%
HSV	302°, 31%, 87%
XYZ	54.4459, 43.4786, 73.2373
YIQ	181.2690, 19.6170, 35.4650

Conversions

Conversions Part 2

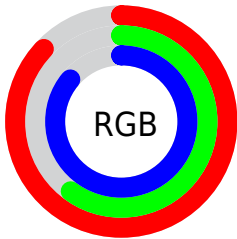
Format	Color
R _Y B	222, 153, 220
Decimal	14588380
CIE Lab	71.88, 36.47, -23.72
CIE LCh	72, 43.502, 326.957
Yxy	43.4786, 0.3181, 0.2540
Android (android.graphics.Color)	4292778460 (0xFFDE99DC)
YUV	181.2690, 19.0944, 35.7211
Hunter-Lab	65.9383, 31.9974, -19.6963

Details

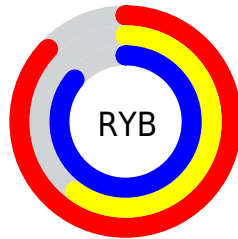
The YIQ color **181.2690, 19.6170, 35.4650** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **193.7310, -19.6170, -35.4650**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4110, 12.9250, 24.5810**, and **127.7310, 18.1960, 33.6840** is the 20% darker color. If you saturate the color by 10%, you get **168.2410, 25.9880, 46.6600**, and if you desaturate by 10%, it is **194.2970, 13.2460, 24.2700**.

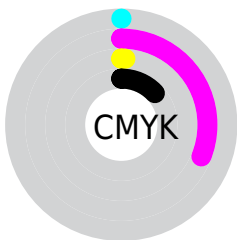
Distribution



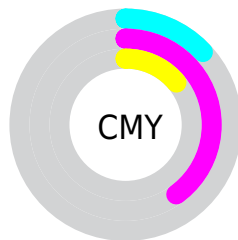
- Red (87%)
- Green (60%)
- Blue (86%)



- Red (87%)
- Yellow (60%)
- Blue (86%)



- Cyan (0%)
- Magenta (31%)
- Yellow (1%)
- Black (13%)





- Cyan (13%)
- Magenta (40%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.2690, 19.6170, 35.4650 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 181.2690, 19.6170, 35.4650 by changing the saturation by 10% instead.


 181.2690, 19.6170,
35.4650


 181.2690, 19.6170,
35.4650


255.0000, -0.0000,
-0.0000


 153.8560, 19.3420,
34.9420


 227.4110, 12.9250,
24.5810


 127.7310, 18.1960,
33.6840

 244.4340, 4.9500,
9.4140

 101.9050, 17.6460,
32.6380

 76.3070, 16.4540,
32.2140

 51.3070, 16.4540,
32.2140

 25.8340, 16.4080,
33.0480

 17.0470, 10.9540,

21.7540

■ 2.2800, -6.4200,
6.2200

■ 0.0000, 0.0000,
0.0000

■ 181.2690, 19.6170,
35.4650

■ 181.2690, 19.6170,
35.4650

■ 168.2410, 25.9880,
46.6600

■ 194.2970, 13.2460,
24.2700

■ 155.3270, 32.0380,
58.1660

■ 207.2110, 7.1960,
12.7640

■ 141.7120, 38.6840,
69.8840

■ 220.8260, 0.5500,
1.0460

■ 128.6840, 45.0550,
81.0790

■ 233.8540, -5.8210,
-10.1490

■ 115.7700, 51.1050,
92.5850

■ 241.4850, -9.3960,
-16.9480

■ 102.7420, 57.4760,
103.7800

■ 241.5990, -9.7170,
-16.6370

■ 90.8880, 63.2970,
113.9290

■ 241.7130,
-10.0380, -16.3260

■ 241.8270,
-10.3590, -16.0150

Harmonies

Analogous

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



178.2130, -21.5080, 26.3640



181.2690, 19.6170, 35.4650



180.0150, 49.5110, 33.3430

Triad

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



181.2690, 19.6170, 35.4650



173.2030, 44.0640, -16.6400



139.1060, -121.6310, -36.8870

Complementary

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



181.2690, 19.6170, 35.4650



193.7310, -19.6170, -35.4650

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.



150.9800, -77.4780, -38.6140



181.2690, 19.6170, 35.4650



169.7860, 14.0810, -29.4310

Square

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



181.2690, 19.6170, 35.4650



175.9640, 61.5750, 1.9190



163.2080, -25.3940, -35.3940



139.7050, -130.2070, -24.6310

Rectangle

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



181.2690, 19.6170, 35.4650



178.4320, 61.1580, 26.0060



163.2080, -25.3940, -35.3940



138.2110, -117.7330, -41.4530

Sweetspot

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



181.2690, 19.6170, 35.4650



241.3850, 6.6460, 11.7180



161.1650, -21.5530, 21.6710



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.



181.2690, 19.6170, 35.4650



199.4800, 26.8130, 48.2290



177.3930, 30.5310, 24.8910



105.5430, 3.0250, 5.7530



72.1180, 50.0050, 90.4930



19.7100, 13.5210, 24.7930

Inverse Universe

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



181.2690, 19.6170, 35.4650



199.4800, 26.8130, 48.2290



197.6070, -30.5310, -24.8910



105.5430, 3.0250, 5.7530



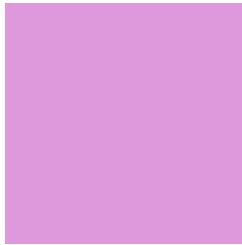
72.1180, 50.0050, 90.4930



19.7100, 13.5210, 24.7930

Previews

White Background



This preview shows how the YIQ color 181.2690, 19.6170, 35.4650 looks on a white background.

Color Contrast Check

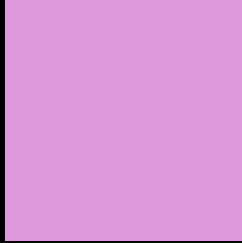
Large Text (above 18pt) WCAG AA × Fail

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 181.2690, 19.6170, 35.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

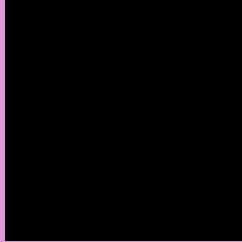
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.2690, 19.6170, 35.4650

Background



This preview shows how black text looks on a background with the YIQ color 181.2690, 19.6170, 35.4650.



This preview shows how white text looks on a background with the YIQ color 181.2690, 19.6170,

35.4650.

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

181.2690, 19.6170, 35.4650

Protanopia

176.5830, -28.8420, 16.1020

Deuteranopia

178.2010, -13.2070, 13.5850



Tritanopia

179.5140, 28.3320, 15.1800

Trichromacy



Original Color

181.2690, 19.6170, 35.4650



Protanomaly

178.0800, -11.0080, 23.2960



Deuteranomaly

179.2890, -1.4710, 21.1610



Tritanomaly

180.2890, 24.8920, 22.4600

Monochromacy



Original Color

181.2690, 19.6170, 35.4650



Achromatopsia

181.0000, -0.0000, 0.0000



Achromatomaly

181.2110, 7.1960, 12.7640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.2690, 19.6170, 35.4650 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(222, 153, 220)` looks like.

```
.text, #text, p{  
    color:rgb(222, 153, 220)  
}
```

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(222, 153, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 153, 220) }
```

Border

The CSS property to change the border of an element to YIQ 181.2690, 19.6170, 35.4650 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(222, 153, 220) }
```


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

```
.border{ border-color:rgb(222, 153, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 153, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 153, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 153, 220);  
box-shadow:4px 4px 4px 4px rgb(222, 153,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 181.2690, 19.6170, 35.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 153, 220) }
```

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

```
.background{ background-color: rgb(222,  
153, 220) }
```

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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