

Converting Colors

YIQ(184.8140, 1.9650, 35.9890)

Have a look what the booklet for
YIQ(184.8140, 1.9650, 35.9890)
contains.

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Color

**YIQ(184.8140, 1.9650,
35.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A1F4
RGB	209, 161, 244
RGB Percent	82%, 63%, 96%
CMY	0.1802, 0.3687, 0.0432
CMYK	0.14, 0.34, 0.00, 0.04
HSL	275°, 79%, 79%
HSV	275°, 34%, 96%
XYZ	55.3748, 45.5750, 91.4548
YIQ	184.8140, 1.9650, 35.9890

Conversions

Conversions Part 2

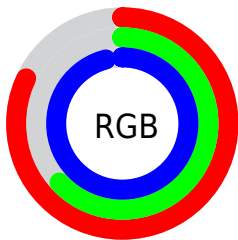
Format	Color
R _Y B	209, 161, 244
Decimal	13738484
CIE Lab	73.27, 32.82, -34.79
CIE LCh	73, 47.829, 313.331
Yxy	45.5750, 0.2878, 0.2369
Android (android.graphics.Color)	4291928564 (0xFFD1A1F4)
YUV	184.8140, 29.1787, 21.2111
Hunter-Lab	67.5093, 28.2742, -33.0636

Details

The YIQ color **184.8140, 1.9650, 35.9890** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **220.1860, -1.9650, -35.9890**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.1070, 10.7250, 20.3970**, and **131.0480, 1.1860, 33.5860** is the 20% darker color. If you saturate the color by 10%, you get **167.7360, 2.6050, 46.4210**, and if you desaturate by 10%, it is **201.8920, 1.3250, 25.5570**.

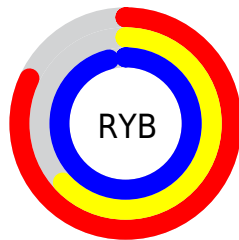
Distribution



Red (82%)

Green (63%)

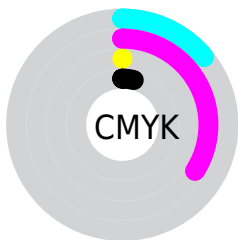
Blue (96%)



Red (82%)

Yellow (63%)

Blue (96%)

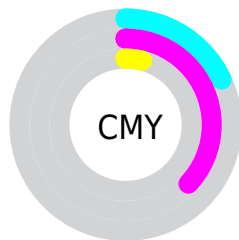


Cyan (14%)

Magenta (34%)

Yellow (0%)

Black (4%)



Cyan (18%)


Magenta (37%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.8140, 1.9650, 35.9890 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 184.8140, 1.9650, 35.9890 by changing the saturation by 10% instead.


 184.8140, 1.9650,
35.9890


 184.8140, 1.9650,
35.9890


255.0000, -0.0000,
-0.0000


 157.2870, 2.0110,
35.1550


 232.1070, 10.7250,
20.3970


 131.0480, 1.1860,
33.5860

 249.1300, 2.7500,
5.2300

 105.5210, 1.2320,
32.7520

 80.6950, 0.6820,
31.7060

 55.8690, 0.1320,
30.6600

 32.0430, -0.4180,
29.6140

 15.2120, -2.5720,

24.5960

■ 4.2180, -11.8770,
11.5070

■ 2.1830, -4.7690,
3.8310

■ 184.8140, 1.9650,
35.9890

■ 184.8140, 1.9650,
35.9890

■ 167.7360, 2.6050,
46.4210

■ 201.8920, 1.3250,
25.5570

■ 150.0710, 3.5200,
57.3760

■ 219.8560, 1.0060,
14.8140

■ 132.6940, 3.5640,
67.5960

■ 236.9340, 0.3660,
4.3820

■ 115.0290, 4.4790,
78.5510

■ 252.2510, 0.5510,
-4.4810

■ 97.9510, 5.1190,
88.9830

■ 253.7460, 3.5310,
-3.4210

■ 80.5740, 5.1630,
99.2030

■ 69.9750, 5.7120,
105.7760

Harmonies

Analogous

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



176.6120, -44.9810, 16.7390



184.8140, 1.9650, 35.9890



184.2240, 41.8530, 39.9730

Triad

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



184.8140, 1.9650, 35.9890



178.2050, 58.9180, -10.5060



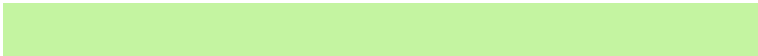
141.8470, -119.7040, -44.2800

Complementary

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



184.8140, 1.9650, 35.9890



220.1860, -1.9650, -35.9890

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.



158.1530, -59.0920, -41.4280



184.8140, 1.9650, 35.9890



174.7080, 31.9160, -27.7640

Square

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



184.8140, 1.9650, 35.9890



179.9640, 70.7430, 11.9830



169.0220, -7.3750, -37.0630



144.6460, -131.7190, -30.2710

Rectangle

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



184.8140, 1.9650, 35.9890



180.9510, 55.5630, 33.7950



169.0220, -7.3750, -37.0630



140.1370, -114.8890, -48.9450

Sweetspot

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



184.8140, 1.9650, 35.9890



237.0360, 0.3190, 10.7430



191.5940, -36.5430, 6.9850



116.5150, 0.2280, 6.8840



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.



184.8140, 1.9650, 35.9890



180.2090, 2.6510, 45.5870



194.5950, 24.7510, 41.5430



113.4610, 0.3200, 5.2160



53.4960, 4.6620, 80.7420



16.8920, 1.3250, 25.5570

Inverse Universe

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



189.8070, 38.2330, 28.4810



186.4110, 48.4560, 35.9440



210.4050, -24.7510, -41.5430



114.1580, 5.5470, 4.0990



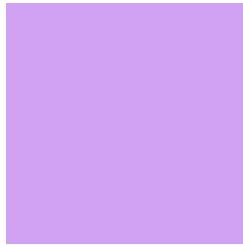
64.5060, 85.8180, 63.6900



20.4910, 27.1390, 20.2830

Previews

White Background



This preview shows how the YIQ color 184.8140, 1.9650, 35.9890 looks on a white background.

Color Contrast Check

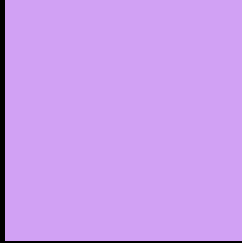
Large Text (above 18pt) WCAG AA × Fail

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 184.8140, 1.9650, 35.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

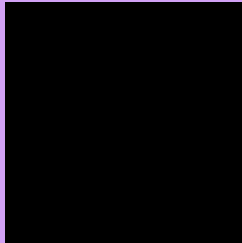
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.8140, 1.9650, 35.9890

Background



This preview shows how black text looks on a background with the YIQ color 184.8140, 1.9650, 35.9890.



This preview shows how white text looks on a background with the YIQ color 184.8140, 1.9650,

35.9890.

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

184.8140, 1.9650, 35.9890

Protanopia

180.2000, -37.8290, 19.2830

Deuteranopia

180.4090, -28.2920, 17.1480



Tritanopia

182.5550, 11.9190, 9.7670

Trichromacy



Original Color

184.8140, 1.9650, 35.9890



Protanomaly

181.9030, -23.5710, 25.2050



Deuteranomaly

181.7850, -17.4270, 23.9890



Tritanomaly

183.4980, 8.0660, 19.0260

Monochromacy



Original Color

184.8140, 1.9650, 35.9890



Achromatopsia

185.0000, -0.0000, -0.0000



Achromatomaly

184.8020, 1.0980, 13.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.8140, 1.9650, 35.9890 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(209, 161, 244)` looks like.

```
.text, #text, p{  
    color:rgb(209, 161, 244)  
}
```

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(209, 161, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 161, 244) }
```

Border

The CSS property to change the border of an element to YIQ 184.8140, 1.9650, 35.9890 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(209, 161, 244) }
```


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

```
.border{ border-color:rgb(209, 161, 244) }
```

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

Here you see how a box with a 4 pixel rgb(209, 161, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 161, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 161, 244);  
box-shadow:4px 4px 4px 4px rgb(209, 161,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 184.8140, 1.9650, 35.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 161, 244) }
```

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

```
.background{ background-color: rgb(209,  
161, 244) }
```

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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