

Converting Colors

YIQ(184.6130, 16.3130, 51.2970)

Have a look what the booklet for
YIQ(184.6130, 16.3130, 51.2970)
contains.

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Color

**YIQ(184.6130, 16.3130,
51.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	E893FE
RGB	232, 147, 254
RGB Percent	91%, 58%, 100%
CMY	0.0899, 0.4236, 0.0039
CMYK	0.09, 0.42, 0.00, 0.00
HSL	288°, 98%, 79%
HSV	288°, 42%, 100%
XYZ	61.6178, 45.1792, 99.2349
YIQ	184.6130, 16.3130, 51.2970

Conversions

Conversions Part 2

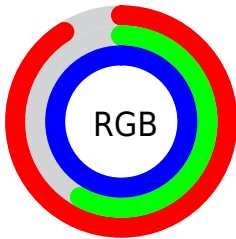
Format	Color
R _Y B	232, 147, 254
Decimal	15242238
CIE Lab	73.01, 49.08, -40.44
CIE LCh	73, 63.594, 320.508
Yxy	45.1792, 0.2991, 0.2193
Android (android.graphics.Color)	4293432318 (0xFFE893FE)
YUV	184.6130, 34.2078, 41.5584
Hunter-Lab	67.2154, 46.0077, -40.4832

Details

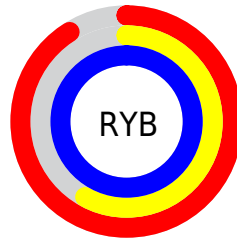
The YIQ color **184.6130, 16.3130, 51.2970** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **216.3870, -16.3130, -51.2970**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **224.4760, 14.3000, 27.1960**, and **129.9610, 15.2130, 49.2050** is the 20% darker color. If you saturate the color by 10%, you get **168.4430, 20.2080, 63.3120**, and if you desaturate by 10%, it is **200.7830, 12.4180, 39.2820**.

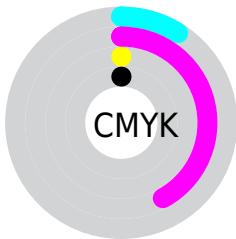
Distribution



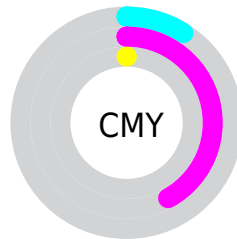
- Red (91%)
- Green (58%)
- Blue (100%)



- Red (91%)
- Yellow (58%)
- Blue (100%)



- Cyan (9%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.6130, 16.3130, 51.2970 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 184.6130, 16.3130, 51.2970 by changing the saturation by 10% instead.

184.6130, 16.3130,
51.2970

184.6130, 16.3130,
51.2970

255.0000, -0.0000,
-0.0000

156.7870, 15.7630,
50.2510

224.4760, 14.3000,
27.1960

129.9610, 15.2130,
49.2050

240.9120, 6.6000,
12.5520

103.1350, 14.6630,
48.1590

76.2490, 14.3420,
48.4700

47.0150, 15.1210,
50.8730

30.4070, 10.7210,
42.5050

20.4950, 4.1210,

29.9530

■ 8.0060, -8.1640,
15.8040

■ 3.0950, -7.3370,
6.3190

■ 184.6130, 16.3130,
51.2970

■ 184.6130, 16.3130,
51.2970

■ 168.4430, 20.2080,
63.3120

■ 200.7830, 12.4180,
39.2820

■ 151.6860, 24.3780,
75.8500

■ 217.5400, 8.2480,
26.7440

■ 135.2170, 27.6770,
87.6530

■ 234.0090, 4.9490,
14.9410

■ 118.4600, 31.8470,
100.1910

■ 250.7660, 0.7790,
2.4030

■ 102.2900, 35.7420, 254.8860, 0.3210,
112.2060 -0.3110

■ 89.3540, 38.8580,
121.8180

Harmonies

Analogous

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



173.6990, -40.6720, 21.2480



184.6130, 16.3130, 51.2970



174.1810, 52.5800, 49.3160

Triad

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



184.6130, 16.3130, 51.2970



173.8620, 69.6490, -23.2710



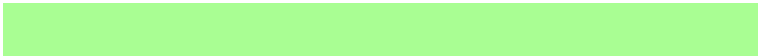
146.3610, -126.9030, -40.4630

Complementary

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



184.6130, 16.3130, 51.2970



216.3870, -16.3130, -51.2970

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.



138.9340, -107.3680, -58.6000



184.6130, 16.3130, 51.2970



168.7380, 31.2310, -42.8890

Square

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



184.6130, 16.3130, 51.2970



172.9080, 82.3440, 5.4800



159.1130, -27.2250, -51.7770



148.2310, -137.6800, -26.8640

Rectangle

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



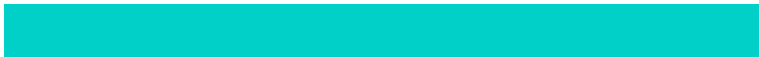
184.6130, 16.3130, 51.2970



168.5610, 65.6490, 38.2330



159.1130, -27.2250, -51.7770



144.7820, -121.0790, -46.8950

Sweetspot

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



184.6130, 16.3130, 51.2970



233.5360, 4.9030, 15.7750



172.6990, -40.6720, 21.2480



114.1780, 2.7950, 9.9230



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.



184.6130, 16.3130, 51.2970



170.6170, 19.6580, 62.2660



187.7710, 39.0550, 46.6310



119.4720, 1.7870, 6.1630



67.2220, 29.2810, 91.6250



22.5450, 9.8520, 30.7160

Inverse Universe

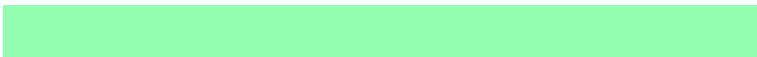
The Inverse Universe completely reimagines the original color for something new.



181.5010, 56.7100, 29.5260



166.9480, 68.8130, 35.9570



213.2290, -39.0550, -46.6310



119.1150, 7.1060, 3.3780



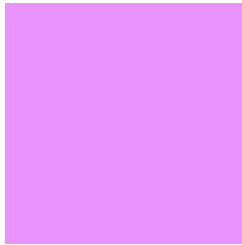
61.5550, 101.3170, 52.6210



20.6180, 33.9710, 17.6110

Previews

White Background



This preview shows how the YIQ color 184.6130, 16.3130, 51.2970 looks on a white background.

Color Contrast Check

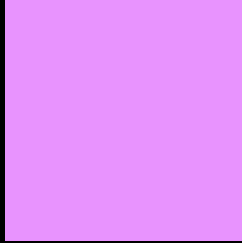
Large Text (above 18pt) WCAG AA × Fail

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 184.6130, 16.3130, 51.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

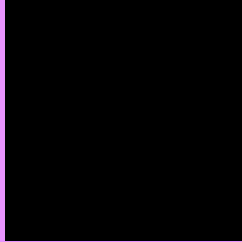
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.6130, 16.3130, 51.2970

Background



This preview shows how black text looks on a background with the YIQ color 184.6130, 16.3130, 51.2970.



This preview shows how white text looks on a background with the YIQ color 184.6130, 16.3130,

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

184.6130, 16.3130, 51.2970

Protanopia

179.0150, -38.7460, 19.3820

Deuteranopia

179.1140, -34.7110, 17.8410



Tritanopia

182.5250, 29.7990, 16.1270

Trichromacy



Original Color

184.6130, 16.3130, 51.2970



Protanomaly

180.9300, -19.0330, 31.0710



Deuteranomaly

180.9580, -16.2360, 29.9400

Tritanomaly

183.3910, 24.8450, 28.8210

Monochromacy



Original Color

184.6130, 16.3130, 51.2970



Achromatopsia

185.0000, -0.0000, -0.0000



Achromatomaly

184.7150, 5.9570, 18.7010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.6130, 16.3130, 51.2970 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(232, 147, 254)` looks like.

```
.text, #text, p{  
    color:rgb(232, 147, 254)  
}
```

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(232, 147, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 147, 254) }
```

Border

The CSS property to change the border of an element to YIQ 184.6130, 16.3130, 51.2970 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(232, 147, 254) }
```


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

```
.border{ border-color:rgb(232, 147, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 147, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 147, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 147, 254);  
box-shadow:4px 4px 4px 4px rgb(232, 147,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 184.6130, 16.3130, 51.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 147, 254) }
```

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

```
.background{ background-color: rgb(232,  
147, 254) }
```

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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