

Converting Colors

YIQ(180.0270, 33.1830, 64.9510)

Have a look what the booklet for
YIQ(180.0270, 33.1830, 64.9510)
contains.

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Color

**YIQ(180.0270, 33.1830,
64.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	FC81FE
RGB	252, 129, 254
RGB Percent	99%, 51%, 100%
CMY	0.0114, 0.4943, 0.0039
CMYK	0.01, 0.49, 0.00, 0.00
HSL	299°, 98%, 75%
HSV	299°, 49%, 100%
XYZ	65.9134, 43.5564, 98.7066
YIQ	180.0270, 33.1830, 64.9510

Conversions

Conversions Part 2

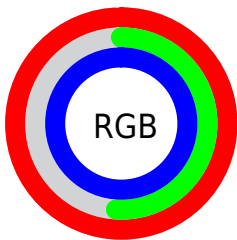
Format	Color
R _Y B	252, 129, 254
Decimal	16548350
CIE _{Lab}	71.93, 63.56, -41.96
CIE _{LCh}	72, 76.158, 326.568
Yxy	43.5564, 0.3166, 0.2092
Android (android.graphics.Color)	4294738430 (0xFFFC81FE)
YUV	180.0270, 36.4687, 63.1203
Hunter-Lab	65.9973, 62.7780, -42.4770

Details

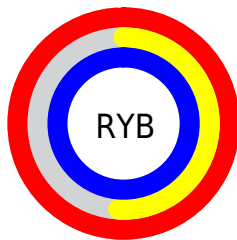
The YIQ color **180.0270, 33.1830, 64.9510** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **202.9730, -33.1830, -64.9510**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.4970, 18.9750, 36.0870**, and **123.0160, 31.7160, 64.0040** is the 20% darker color. If you saturate the color by 10%, you get **165.3520, 40.0580, 78.0260**, and if you desaturate by 10%, it is **194.7020, 26.3080, 51.8760**.

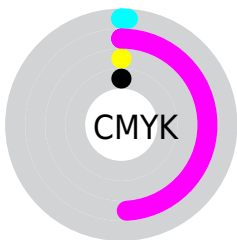
Distribution



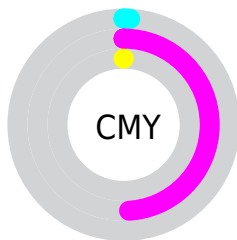
- Red (99%)
- Green (51%)
- Blue (100%)



- Red (99%)
- Yellow (51%)
- Blue (100%)



- Cyan (1%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.0270, 33.1830, 64.9510 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 180.0270, 33.1830, 64.9510 by changing the saturation by 10% instead.


 180.0270, 33.1830,
64.9510


 180.0270, 33.1830,
64.9510


255.0000, -0.0000,
-0.0000

 151.3150, 32.3120,
64.2160


 214.4970, 18.9750,
36.0870


 123.0160, 31.7160,
64.0040


 231.5200, 11.0000,
20.9200

 92.9560, 31.9450,
65.3610

 248.5430, 3.0250,
5.7530

 56.8520, 35.4740,
72.9940

 45.5160, 27.1320,
58.9720

 34.5930, 19.0650,
45.4730

 24.3820, 11.8690,

32.7090

■ 13.0890, 1.9680,
19.4080

■ 3.0950, -7.3370,
6.3190

■ 180.0270, 33.1830,
64.9510

■ 180.0270, 33.1830,
64.9510

■ 165.3520, 40.0580,
78.0260

■ 194.7020, 26.3080,
51.8760

■ 149.7910, 46.6120,
91.4120

■ 210.2630, 19.7540,
38.4900

■ 135.1160, 53.4870,
104.4870

■ 224.9380, 12.8790,
25.4150

■ 119.8540, 60.6370,
118.0850

■ 240.4990, 6.3250,
12.0290

■ 104.8800, 66.9160, 254.5870, -0.2750,
130.9480 -0.5230

■ 103.7060, 67.4660, 254.8860, 0.3210,
131.9940 -0.3110

Harmonies

Analogous

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



171.1180, -31.3660, 28.8100



180.0270, 33.1830, 64.9510



159.7850, 62.8030, 56.7790

Triad

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



180.0270, 33.1830, 64.9510



164.6730, 82.5820, -42.9060



149.1140, -133.2770, -35.0770

Complementary

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



180.0270, 33.1830, 64.9510



202.9730, -33.1830, -64.9510

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.



141.0200, -110.4860, -57.1580



180.0270, 33.1830, 64.9510



159.3870, 27.2450, -58.7630

Square

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



180.0270, 33.1830, 64.9510



166.0970, 94.6330, -2.4790



138.9720, -66.9730, -69.3170



147.6440, -137.4050, -26.3410

Rectangle

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



180.0270, 33.1830, 64.9510



155.7150, 77.0190, 41.4270



138.9720, -66.9730, -69.3170



147.0790, -126.1690, -42.7530

Sweetspot

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



180.0270, 33.1830, 64.9510



232.3950, 9.8540, 19.6620



144.4240, -40.6750, 37.8290



114.2000, 5.7290, 11.8170



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.



180.0270, 33.1830, 64.9510



166.3520, 40.0580, 78.0260



173.7850, 53.6350, 46.7150



120.0700, 2.9790, 6.5870



77.9860, 50.7370, 99.2570



26.1330, 17.0040, 33.2600

Inverse Universe

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



166.6030, 73.8580, 27.1220



150.0780, 88.7580, 32.4220



209.2150, -53.6350, -46.7150



118.8870, 7.7480, 2.7560



57.4510, 112.8730, 41.4250



19.2500, 37.8230, 13.8790

Previews

White Background



This preview shows how the YIQ color 180.0270, 33.1830, 64.9510 looks on a white background.

Color Contrast Check

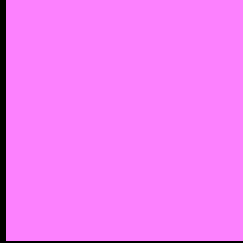
Large Text (above 18pt) WCAG AA × Fail

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 180.0270, 33.1830, 64.9510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

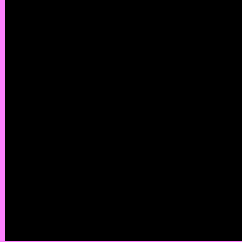
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.0270, 33.1830, 64.9510

Background



This preview shows how black text looks on a background with the YIQ color 180.0270, 33.1830, 64.9510.



This preview shows how white text looks on a background with the YIQ color 180.0270, 33.1830,

64.9510.

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

180.0270, 33.1830, 64.9510

Protanopia

175.7590, -40.9010, 19.8910

Deuteranopia

175.9290, -35.6280, 17.9400



Tritanopia

179.1640, 50.1090, 22.5010

Trichromacy



Original Color

180.0270, 33.1830, 64.9510



Protanomaly

177.4300, -14.4490, 36.1030



Deuteranomaly

177.6430, -10.7350, 34.8730

Tritanomaly

179.4260, 44.1000, 37.7960

Monochromacy



Original Color

180.0270, 33.1830, 64.9510



Achromatopsia

180.0000, -0.0000, -0.0000



Achromatomaly

179.6990, 12.0540, 23.8460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.0270, 33.1830, 64.9510 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(252, 129, 254)` looks like.

```
.text, #text, p{  
    color:rgb(252, 129, 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(252, 129, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 129, 254) }
```

Border

The CSS property to change the border of an element to YIQ 180.0270, 33.1830, 64.9510 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(252, 129, 254) }
```


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

```
.border{ border-color:rgb(252, 129, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 129, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 129, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 129, 254);  
box-shadow:4px 4px 4px 4px rgb(252, 129,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 180.0270, 33.1830, 64.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 129, 254) }
```

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

```
.background{ background-color: rgb(252,  
129, 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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