

Converting Colors

YIQ(181.2050, 17.6420, 54.7460)

Have a look what the booklet for
YIQ(181.2050, 17.6420, 54.7460)
contains.

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Color

**YIQ(181.2050, 17.6420,
54.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	E88DFF
RGB	232, 141, 255
RGB Percent	91%, 55%, 100%
CMY	0.0899, 0.4472, 0.0000
CMYK	0.09, 0.45, 0.00, 0.00
HSL	288°, 100%, 78%
HSV	288°, 45%, 100%
XYZ	60.8710, 43.4263, 99.7777
YIQ	181.2050, 17.6420, 54.7460

Conversions

Conversions Part 2

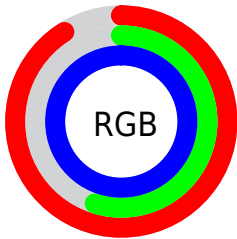
Format	Color
R _Y B	232, 141, 255
Decimal	15240703
CIE Lab	71.84, 52.35, -42.81
CIE LCh	72, 67.623, 320.725
Yxy	43.4263, 0.2983, 0.2128
Android (android.graphics.Color)	4293430783 (0xFFE88DFF)
YUV	181.2050, 36.3809, 44.5472
Hunter-Lab	65.8987, 49.5590, -43.6424

Details

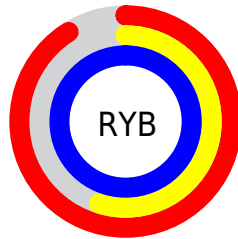
The YIQ color **181.2050, 17.6420, 54.7460** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **214.7950, -17.6420, -54.7460**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9540, 15.9500, 30.3340**, and **126.2540, 15.9460, 52.4420** is the 20% darker color. If you saturate the color by 10%, you get **164.4480, 21.8120, 67.2840**, and if you desaturate by 10%, it is **197.3750, 13.7470, 42.7310**.

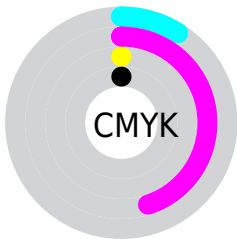
Distribution



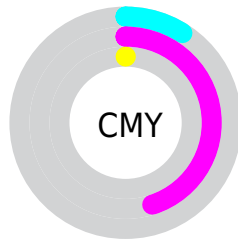
- Red (91%)
- Green (55%)
- Blue (100%)



- Red (91%)
- Yellow (55%)
- Blue (100%)



- Cyan (9%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.2050, 17.6420, 54.7460 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 181.2050, 17.6420, 54.7460 by changing the saturation by 10% instead.


 181.2050, 17.6420,
54.7460

 181.2050, 17.6420,
54.7460


255.0000, -0.0000,
-0.0000

 153.3790, 17.0920,
53.7000


 220.9540, 15.9500,
30.3340


 125.6670, 16.2210,
52.9650


 237.3900, 8.2500,
15.6900

 98.8410, 15.6710,
51.9190

254.4130, 0.2750,
0.5230

 71.2540, 15.9460,
52.4420

 40.8460, 17.2750,
55.8910

 30.2220, 9.8040,
42.6040

 20.3100, 3.2040,

30.0520

■ 6.6250, -11.4650,
15.0550

■ 3.2090, -7.6580,
6.6300

■ 181.2050, 17.6420,
54.7460

■ 181.2050, 17.6420,
54.7460

■ 164.4480, 21.8120,
67.2840

■ 197.3750, 13.7470,
42.7310

■ 148.2780, 25.7070,
79.2990

■ 214.1320, 9.5770,
30.1930

■ 131.5210, 29.8770,
91.8370

■ 230.3020, 5.6820,
18.1780

■ 115.3510, 33.7720,
103.8520

■ 247.3580, 2.1080,
5.8520

■ 98.2950, 37.3460, 255.0000, -0.0000,
116.1780 -0.0000

■ 90.0660, 39.7290,
122.5530

Harmonies

Analogous

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



169.8450, -44.0190, 21.3330



181.2050, 17.6420, 54.7460



169.2570, 55.4220, 52.8780

Triad

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



181.2050, 17.6420, 54.7460



169.3200, 74.0510, -25.9570



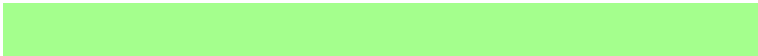
145.7740, -126.6280, -39.9400

Complementary

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



181.2050, 17.6420, 54.7460



214.7950, -17.6420, -54.7460

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.



137.3040, -105.5340, -58.7980



181.2050, 17.6420, 54.7460



164.5870, 32.9740, -46.9460

Square

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



181.2050, 17.6420, 54.7460



168.8330, 86.9290, 4.9850



153.7380, -30.6630, -55.5510



147.0570, -137.1300, -25.8180

Rectangle

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



181.2050, 17.6420, 54.7460



163.2950, 69.4540, 40.8620



153.7380, -30.6630, -55.5510



143.3800, -119.8870, -46.4710

Sweetspot

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



181.2050, 17.6420, 54.7460



233.5360, 4.9030, 15.7750



168.6710, -43.4690, 22.3790



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.



181.2050, 17.6420, 54.7460



165.6220, 21.2620, 66.2380



184.4340, 41.6220, 49.6700



119.4720, 1.7870, 6.1630



67.5210, 29.8770, 91.8370



22.5450, 9.8520, 30.7160

Inverse Universe

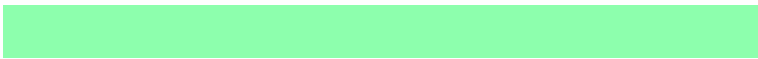
The Inverse Universe completely reimagines the original color for something new.



177.7080, 60.5610, 31.3210



161.4540, 73.2600, 37.9640



211.5660, -41.6220, -49.6700



119.1150, 7.1060, 3.3780



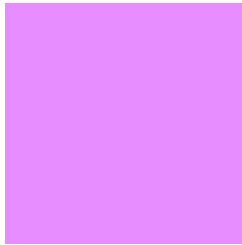
61.4410, 101.6380, 52.3100



20.6180, 33.9710, 17.6110

Previews

White Background



This preview shows how the YIQ color 181.2050, 17.6420, 54.7460 looks on a white background.

Color Contrast Check

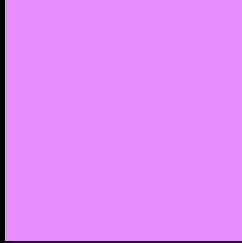
Large Text (above 18pt) WCAG AA × Fail

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 181.2050, 17.6420, 54.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

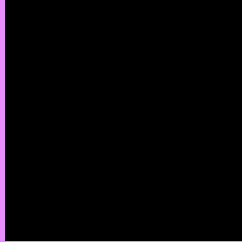
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.2050, 17.6420, 54.7460

Background



This preview shows how black text looks on a background with the YIQ color 181.2050, 17.6420, 54.7460.



This preview shows how white text looks on a background with the YIQ color 181.2050, 17.6420,

54.7460.

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

181.2050, 17.6420, 54.7460

Protanopia

175.7590, -40.9010, 19.8910

Deuteranopia

175.3740, -38.3790, 18.2370



Tritanopia

179.3080, 31.9080, 16.4520

Trichromacy



Original Color

181.2050, 17.6420, 54.7460



Protanomaly

177.6850, -19.7210, 32.5270



Deuteranomaly

177.5280, -17.8410, 31.4950

Tritanomaly

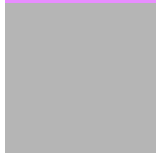
179.8150, 26.5870, 30.2910

Monochromacy



Original Color

181.2050, 17.6420, 54.7460



Achromatopsia

181.0000, -0.0000, 0.0000



Achromatomaly

180.9540, 6.7820, 20.2700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.2050, 17.6420, 54.7460 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, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 141, 255)  
}
```

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, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 141, 255) }
```

Border

The CSS property to change the border of an element to YIQ 181.2050, 17.6420, 54.7460 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, 141, 255) }
```


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

```
.border{ border-color:rgb(232, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 141,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 181.2050, 17.6420, 54.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 141, 255) }
```

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

```
.background{ background-color: rgb(232,  
141, 255) }
```

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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