

Converting Colors

YIQ(179.4660, 21.4010, 58.2090)

Have a look what the booklet for
YIQ(179.4660, 21.4010, 58.2090)
contains.

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Color

**YIQ(179.4660, 21.4010,
58.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	EC88FF
RGB	236, 136, 255
RGB Percent	93%, 53%, 100%
CMY	0.0742, 0.4668, 0.0000
CMYK	0.07, 0.47, 0.00, 0.00
HSL	290°, 100%, 77%
HSV	290°, 47%, 100%
XYZ	61.4665, 42.6629, 99.6013
YIQ	179.4660, 21.4010, 58.2090

Conversions

Conversions Part 2

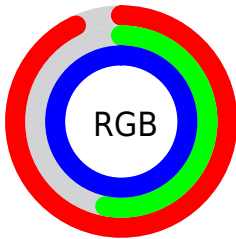
Format	Color
R _Y B	236, 136, 255
Decimal	15501567
CIE Lab	71.33, 55.98, -43.59
CIE LCh	71, 70.948, 322.096
Yxy	42.6629, 0.3017, 0.2094
Android (android.graphics.Color)	4293691647 (0xFFEC88FF)
YUV	179.4660, 37.2383, 49.5803
Hunter-Lab	65.3169, 53.6730, -44.6892

Details

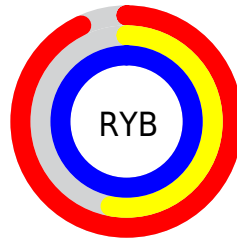
The YIQ color **179.4660, 21.4010, 58.2090** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **211.5340, -21.4010, -58.2090**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.0190, 17.3250, 32.9490**, and **123.9280, 19.9800, 56.4280** is the 20% darker color. If you saturate the color by 10%, you get **163.0080, 26.1670, 70.9590**, and if you desaturate by 10%, it is **195.3370, 16.9100, 45.9820**.

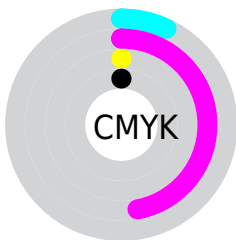
Distribution



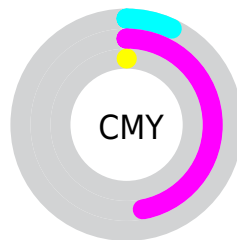
- Red (93%)
- Green (53%)
- Blue (100%)



- Red (93%)
- Yellow (53%)
- Blue (100%)



- Cyan (7%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.4660, 21.4010, 58.2090 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 179.4660, 21.4010, 58.2090 by changing the saturation by 10% instead.


 179.4660, 21.4010,
58.2090


 179.4660, 21.4010,
58.2090


255.0000, -0.0000,
-0.0000


 151.6400, 20.8510,
57.1630


 218.0190, 17.3250,
32.9490


 123.9280, 19.9800,
56.4280


 234.4550, 9.6250,
18.3050

 96.5150, 19.7050,
55.9050

 252.0650, 1.3750,
2.6150

 66.8680, 20.2090,
57.7850

 41.7430, 19.0630,
56.5270

 30.8200, 10.9960,
43.0280

 21.2070, 4.9920,

30.6880

■ 7.8210, -9.0810,
15.9030

■ 3.2090, -7.6580,
6.6300

■ 179.4660, 21.4010,
58.2090

■ 179.4660, 21.4010,
58.2090

■ 163.0080, 26.1670,
70.9590

■ 195.3370, 16.9100,
45.9820

■ 147.1370, 30.6580,
83.1860

■ 211.7950, 12.1440,
33.2320

■ 130.6790, 35.4240,
95.9360

■ 227.6660, 7.6530,
21.0050

■ 114.8080, 39.9150,
108.1630

■ 244.1240, 2.8870,
8.2550

■ 98.3500, 44.6810, 255.0000, -0.0000,
120.9130 -0.0000

■ 93.0560, 45.6890,
124.6730

Harmonies

Analogous

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



168.3830, -42.5980, 23.1140



179.4660, 21.4010, 58.2090



165.3930, 58.0350, 55.0830

Triad

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



179.4660, 21.4010, 58.2090



167.0120, 77.6740, -31.0460



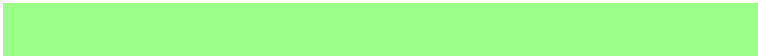
145.6430, -127.6370, -38.1730

Complementary

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



179.4660, 21.4010, 58.2090



211.5340, -21.4010, -58.2090

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.



137.4180, -105.8550, -58.4870



179.4660, 21.4010, 58.2090



161.5390, 32.9290, -51.6390

Square

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



179.4660, 21.4010, 58.2090



166.1600, 90.3220, 4.0660



149.2100, -38.0440, -59.4520



146.4700, -136.8550, -25.2950

Rectangle

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



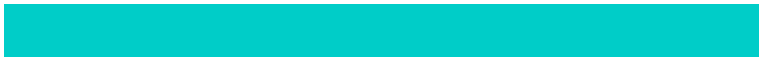
179.4660, 21.4010, 58.2090



159.2030, 72.7090, 42.4450



149.2100, -38.0440, -59.4520



143.1350, -120.5750, -45.0150

Sweetspot

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



179.4660, 21.4010, 58.2090



232.0740, 6.3240, 17.5560



161.3060, -43.6990, 26.5490



113.8900, 3.6660, 10.6580



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.



179.4660, 21.4010, 58.2090



164.1820, 25.6170, 69.9130



180.5870, 45.5650, 49.7970



119.4720, 1.7870, 6.1630



69.9130, 34.6450, 93.5330



23.4420, 11.6400, 31.3520

Inverse Universe

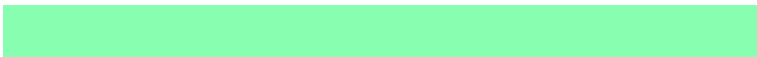
The Inverse Universe completely reimagines the original color for something new.



173.7470, 64.8250, 31.1370



157.3790, 77.8450, 37.4690



210.4130, -45.5650, -49.7970



119.1150, 7.1060, 3.3780



60.5290, 104.2060, 49.8220



20.2760, 34.9340, 16.6780

Previews

White Background



This preview shows how the YIQ color 179.4660, 21.4010, 58.2090 looks on a white background.

Color Contrast Check

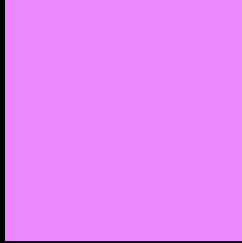
Large Text (above 18pt) WCAG AA × Fail

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 179.4660, 21.4010, 58.2090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

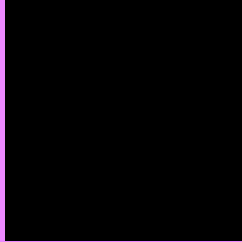
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.4660, 21.4010, 58.2090

Background



This preview shows how black text looks on a background with the YIQ color 179.4660, 21.4010, 58.2090.



This preview shows how white text looks on a background with the YIQ color 179.4660, 21.4010,

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

179.4660, 21.4010, 58.2090

Protanopia

173.9870, -41.5430, 20.5130

Deuteranopia

174.0750, -38.9750, 18.0250



Tritanopia

177.7000, 36.6760, 18.1480

Trichromacy



Original Color

179.4660, 21.4010, 58.2090



Protanomaly

175.9240, -18.8960, 34.0960



Deuteranomaly

176.3540, -17.2910, 32.5410

Tritanomaly

178.4350, 30.7130, 32.6090

Monochromacy



Original Color

179.4660, 21.4010, 58.2090



Achromatopsia

179.0000, -0.0000, -0.0000



Achromatomaly

179.0790, 7.9280, 21.5280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.4660, 21.4010, 58.2090 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(236, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 136, 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(236, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 136, 255) }
```

Border

The CSS property to change the border of an element to YIQ 179.4660, 21.4010, 58.2090 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(236, 136, 255) }
```


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

```
.border{ border-color:rgb(236, 136, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 136, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 136, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 136, 255); box-shadow:4px 4px 4px 4px rgb(236, 136, 255) }
```

Background

The CSS property to change the background color of an element to YIQ 179.4660, 21.4010, 58.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 136, 255) }
```

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

```
.background{ background-color: rgb(236,  
136, 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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