

Converting Colors

YIQ(194.8270, 27.4540, 53.1340)

Have a look what the booklet for
YIQ(194.8270, 27.4540, 53.1340)
contains.

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Color

**YIQ(194.8270, 27.4540,
53.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	FE99FF
RGB	254, 153, 255
RGB Percent	100%, 60%, 100%
CMY	0.0036, 0.4001, 0.0000
CMYK	0.00, 0.40, 0.00, 0.00
HSL	299°, 100%, 80%
HSV	299°, 40%, 100%
XYZ	70.3357, 51.0741, 100.7589
YIQ	194.8270, 27.4540, 53.1340

Conversions

Conversions Part 2

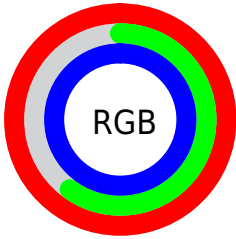
Format	Color
R _Y B	254, 153, 255
Decimal	16685567
CIE Lab	76.72, 52.58, -35.03
CIE LCh	77, 63.181, 326.330
Yxy	51.0741, 0.3166, 0.2299
Android (android.graphics.Color)	4294875647 (0xFFFE99FF)
YUV	194.8270, 29.6653, 51.8947
Hunter-Lab	71.4662, 50.6108, -33.5657

Details

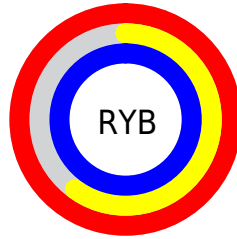
The YIQ color **194.8270, 27.4540, 53.1340** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **213.1730, -27.4540, -53.1340**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9980, 12.6500, 24.0580**, and **139.2890, 26.0330, 51.3530** is the 20% darker color. If you saturate the color by 10%, you get **179.5650, 34.6040, 66.7320**, and if you desaturate by 10%, it is **209.5020, 20.5790, 40.0590**.

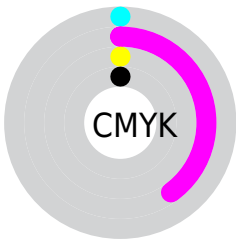
Distribution



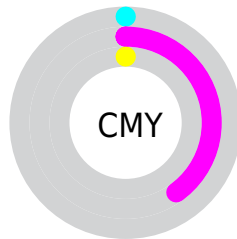
- Red (100%)
- Green (60%)
- Blue (100%)



- Red (100%)
- Yellow (60%)
- Blue (100%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.8270, 27.4540, 53.1340 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 194.8270, 27.4540, 53.1340 by changing the saturation by 10% instead.


 194.8270, 27.4540,
53.1340


 194.8270, 27.4540,
53.1340

255.0000, -0.0000,
-0.0000


 167.0010, 26.9040,
52.0880


 227.9980, 12.6500,
24.0580


 139.2890, 26.0330,
51.3530

 245.0210, 4.6750,
8.8910

 111.5770, 25.1620,
50.6180

 84.3920, 24.2450,
50.7170

 53.3970, 25.8490,
54.6890

 36.3160, 21.4030,
47.1550

 25.8060, 13.6110,

34.1790

■ 16.0080, 6.6900,
21.9380

■ 3.3230, -7.9790,
6.9410

■ 194.8270, 27.4540,
53.1340

■ 194.8270, 27.4540,
53.1340

■ 179.5650, 34.6040,
66.7320

■ 209.5020, 20.5790,
40.0590

■ 164.8900, 41.4790,
79.8070

■ 225.0630, 14.0250,
26.6730

■ 149.3290, 48.0330,
93.1930

■ 239.7380, 7.1500,
13.5980

■ 134.6540, 54.9080,
106.2680

255.0000, -0.0000,
-0.0000

■ 119.3920, 62.0580,
119.8660

■ 104.7170, 68.9330,
132.9410

Harmonies

Analogous

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



186.7890, -23.2500, 24.8940



194.8270, 27.4540, 53.1340



179.9370, 50.1510, 43.7750

Triad

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



194.8270, 27.4540, 53.1340



183.7040, 64.1020, -27.3700



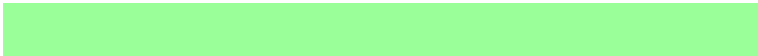
155.2120, -136.6690, -39.6850

Complementary

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



194.8270, 27.4540, 53.1340



213.1730, -27.4540, -53.1340

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.



148.4860, -117.7300, -58.0340



194.8270, 27.4540, 53.1340



178.0080, 21.6030, -44.6130

Square

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



194.8270, 27.4540, 53.1340



181.9410, 77.5770, -1.7430



166.7570, -40.8420, -52.7940



153.5140, -140.1550, -31.5710

Rectangle

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



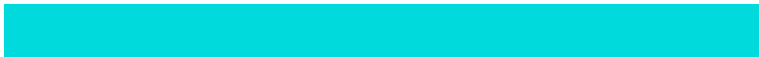
194.8270, 27.4540, 53.1340



175.4910, 62.6700, 31.6460



166.7570, -40.8420, -52.7940



153.0460, -130.5700, -45.5940

Sweetspot

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



194.8270, 27.4540, 53.1340



236.8030, 8.5250, 16.2130



165.8020, -33.2920, 30.6760



117.1350, 4.3540, 9.2020



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.



194.8270, 27.4540, 53.1340



183.0870, 32.9540, 63.5940



189.5400, 43.7790, 38.1070



120.0700, 2.9790, 6.5870



78.5840, 51.9290, 99.6810



26.1330, 17.0040, 33.2600

Inverse Universe

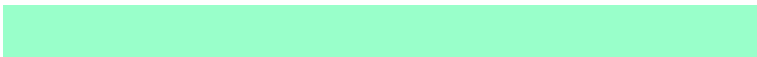
The Inverse Universe completely reimagines the original color for something new.



183.6120, 60.4710, 21.9350



169.5920, 72.3910, 26.1750



218.4600, -43.7790, -38.1070



118.8870, 7.7480, 2.7560



57.3370, 113.1940, 41.1140



19.2500, 37.8230, 13.8790

Previews

White Background



This preview shows how the YIQ color 194.8270, 27.4540, 53.1340 looks on a white background.

Color Contrast Check

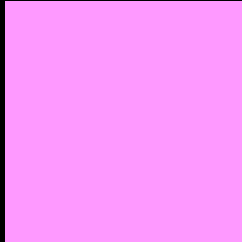
Large Text (above 18pt) WCAG AA × Fail

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 194.8270, 27.4540, 53.1340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

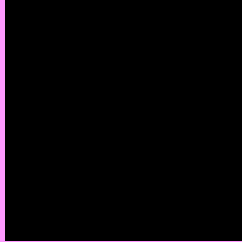
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.8270, 27.4540, 53.1340

Background



This preview shows how black text looks on a background with the YIQ color 194.8270, 27.4540, 53.1340.



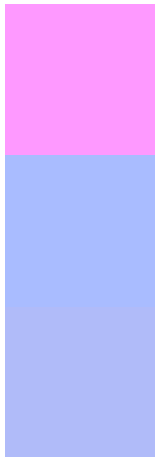
This preview shows how white text looks on a background with the YIQ color 194.8270, 27.4540,

53.1340.

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

194.8270, 27.4540, 53.1340

Protanopia

189.9570, -32.8310, 16.8090

Deuteranopia

190.7790, -26.4580, 16.9500



Tritanopia

193.2060, 41.1230, 20.1550

Trichromacy



Original Color

194.8270, 27.4540, 53.1340



Protanomaly

191.5950, -10.7800, 30.1800



Deuteranomaly

192.3350, -7.1120, 29.7840

Tritanomaly

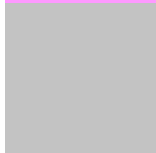
193.6590, 35.8940, 32.3260

Monochromacy



Original Color

194.8270, 27.4540, 53.1340



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

194.9820, 9.5790, 19.1390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.8270, 27.4540, 53.1340 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(254, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 153, 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(254, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 153, 255) }
```

Border

The CSS property to change the border of an element to YIQ 194.8270, 27.4540, 53.1340 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(254, 153, 255) }
```


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

```
.border{ border-color:rgb(254, 153, 255) }
```

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

Here you see how a box with a 4 pixel rgb(254, 153, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 153,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 194.8270, 27.4540, 53.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 153, 255) }
```

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

```
.background{ background-color: rgb(254,  
153, 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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