

# Converting Colors

YIQ(195.0010, 26.9040, 52.0880)

Have a look what the booklet for  
YIQ(195.0010, 26.9040, 52.0880)  
contains.

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# **Color**

**YIQ(195.0010, 26.9040,  
52.0880)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD9AFE
RGB	253, 154, 254
RGB Percent	99%, 60%, 100%
CMY	0.0075, 0.3962, 0.0039
CMYK	0.00, 0.39, 0.00, 0.00
HSL	299°, 98%, 80%
HSV	299°, 39%, 100%
XYZ	69.9750, 51.1507, 99.9572
YIQ	195.0010, 26.9040, 52.0880

# Conversions

## Conversions Part 2

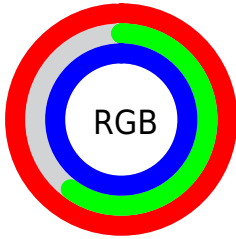
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 154, 254
Decimal	16620286
CIE Lab	76.77, 51.61, -34.43
CIE LCh	77, 62.039, 326.291
Yxy	51.1507, 0.3165, 0.2314
Android (android.graphics.Color)	4294810366 (0xFFFD9AFE)
YUV	195.0010, 29.0865, 50.8651
Hunter-Lab	71.5197, 49.4853, -32.8009

# Details

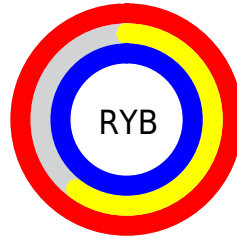
The YIQ color **195.0010, 26.9040, 52.0880** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **212.9990, -26.9040, -52.0880**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5850, 12.3750, 23.5350**, and **139.4630, 25.4830, 50.3070** is the 20% darker color. If you saturate the color by 10%, you get **180.3260, 33.7790, 65.1630**, and if you desaturate by 10%, it is **209.6760, 20.0290, 39.0130**.

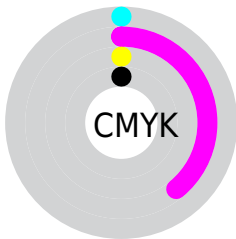
# Distribution



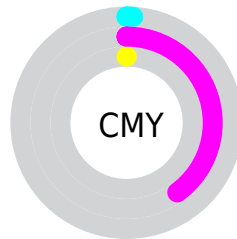
- Red (99%)
- Green (60%)
- Blue (100%)



- Red (99%)
- Yellow (60%)
- Blue (100%)



- Cyan (0%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (40%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 195.0010, 26.9040, 52.0880 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 195.0010, 26.9040, 52.0880 by changing the saturation by 10% instead.





 195.0010, 26.9040,  
52.0880


 195.0010, 26.9040,  
52.0880


255.0000, -0.0000,  
-0.0000


 167.1750, 26.3540,  
51.0420


 228.5850, 12.3750,  
23.5350


 139.4630, 25.4830,  
50.3070

 245.6080, 4.4000,  
8.3680

 111.8650, 24.2910,  
49.8830

 84.8650, 24.2910,  
49.8830

 55.0440, 25.3450,  
52.8090

 35.9030, 21.1280,  
46.6320

 25.3930, 13.3360,

33.6560

■ 15.8940, 7.0110,  
21.6270

■ 3.2090, -7.6580,  
6.6300

■ 195.0010, 26.9040,  
52.0880

■ 195.0010, 26.9040,  
52.0880

■ 180.3260, 33.7790,  
65.1630

■ 209.6760, 20.0290,  
39.0130

■ 165.0640, 40.9290,  
78.7610

■ 225.2370, 13.4750,  
25.6270

■ 150.0900, 47.2080,  
91.6240

■ 239.9120, 6.6000,  
12.5520

■ 134.8280, 54.3580,  
105.2220

254.5870, -0.2750,  
-0.5230

■ 120.1530, 61.2330, 254.8860, 0.3210,  
118.2970 -0.3110

■ 105.4780, 68.1080,  
131.3720

■ 104.3040, 68.6580,  
132.4180

# 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



195.0010, 26.9040, 52.0880



180.5240, 49.8760, 43.2520

# Triad

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



195.0010, 26.9040, 52.0880



184.0460, 63.1390, -26.4370



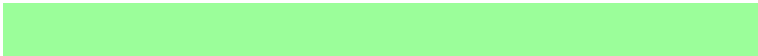
154.6250, -136.3940, -39.1620

# Complementary

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



195.0010, 26.9040, 52.0880



212.9990, -26.9040, -52.0880

# 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.



147.8990, -117.4550, -57.5110



195.0010, 26.9040, 52.0880



178.2360, 20.9610, -43.9910

# Square

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



195.0010, 26.9040, 52.0880



182.1690, 76.9350, -1.1210



167.4690, -39.9710, -52.0590



152.9270, -139.8800, -31.0480



# Rectangle

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



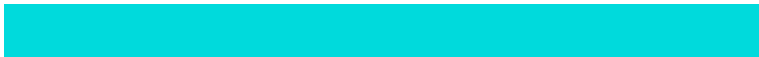
195.0010, 26.9040, 52.0880



176.6650, 62.1200, 30.6000



167.4690, -39.9710, -52.0590



153.0460, -130.5700, -45.5940

# Sweetspot

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



195.0010, 26.9040, 52.0880



236.8030, 8.5250, 16.2130



166.5740, -32.6500, 30.0540



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.



195.0010, 26.9040, 52.0880



184.2610, 32.4040, 62.5480



189.8280, 42.9080, 37.3720



120.0700, 2.9790, 6.5870



78.2850, 51.3330, 99.4690



26.1330, 17.0040, 33.2600



# Inverse Universe

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



184.0140, 59.2790, 21.5110



170.9940, 71.1990, 25.7510



218.1720, -42.9080, -37.3720



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 195.0010, 26.9040, 52.0880 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

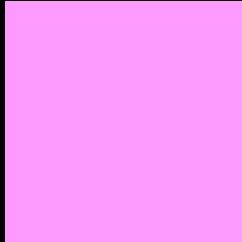
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 195.0010, 26.9040, 52.0880 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 195.0010, 26.9040, 52.0880

## Background



This preview shows how black text looks on a background with the YIQ color 195.0010, 26.9040, 52.0880.



This preview shows how white text looks on a background with the YIQ color 195.0010, 26.9040,

52.0880.

# 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

195.0010, 26.9040, 52.0880

### Protanopia

189.9570, -32.8310, 16.8090

### Deuteranopia

190.9640, -25.5410, 16.8510



## Tritanopia

192.9070, 40.5270, 19.9430

# Trichromacy



## Original Color

195.0010, 26.9040, 52.0880



## Protanomaly

192.1820, -11.0550, 29.6570



## Deuteranomaly

192.5200, -6.1950, 29.6850



## Tritanomaly

193.8330, 35.3440, 31.2800

# Monochromacy



## Original Color

195.0010, 26.9040, 52.0880



## Achromatopsia

195.0000, -0.0000, 0.0000



## Achromatomaly

194.8680, 9.9000, 18.8280

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 195.0010, 26.9040, 52.0880 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(253, 154, 254)` looks like.

```
.text, #text, p{  
    color:rgb(253, 154, 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(253, 154, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 154, 254) }
```

## Border

The CSS property to change the border of an element to YIQ 195.0010, 26.9040, 52.0880 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(253, 154, 254) }
```



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

```
.border{ border-color:rgb(253, 154, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 154, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 154, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 154, 254);  
box-shadow:4px 4px 4px 4px rgb(253, 154,  
254) }
```

# Background

The CSS property to change the background color of an element to YIQ 195.0010, 26.9040, 52.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 154, 254) }
```

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

```
.background{ background-color: rgb(253,  
154, 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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