

Converting Colors

YIQ(182.9980, 40.1540, 54.2500)

Have a look what the booklet for
YIQ(182.9980, 40.1540, 54.2500)
contains.

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Color

**YIQ(182.9980, 40.1540,
54.2500)**

Conversions

Conversions Part 1

Format	Color
Hex	FF89E7
RGB	255, 137, 231
RGB Percent	100%, 54%, 91%
CMY	0.0000, 0.4629, 0.0940
CMYK	0.00, 0.46, 0.09, 0.00
HSL	312°, 100%, 77%
HSV	312°, 46%, 100%
XYZ	64.6056, 44.9081, 80.8807
YIQ	182.9980, 40.1540, 54.2500

Conversions

Conversions Part 2

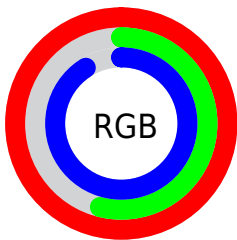
Format	Color
R_{YB}	255, 137, 231
Decimal	16746983
CIE _{Lab}	72.83, 56.73, -27.97
CIE _{LCh}	73, 63.251, 333.752
Yxy	44.9081, 0.3393, 0.2359
Android (android.graphics.Color)	4294937063 (0xFFFF89E7)
YUV	182.9980, 23.6650, 63.1458
Hunter-Lab	67.0135, 54.8126, -24.6495

Details

The YIQ color **182.9980, 40.1540, 54.2500** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **209.0020, -40.1540, -54.2500**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.6060, 17.0500, 32.4260**, and **126.6880, 38.0910, 53.0910** is the 20% darker color. If you saturate the color by 10%, you get **167.1660, 48.9090, 66.2930**, and if you desaturate by 10%, it is **198.2430, 31.6740, 42.7300**.

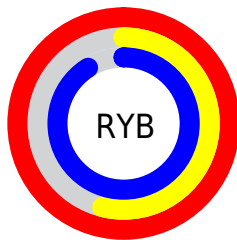
Distribution



Red (100%)

Green (54%)

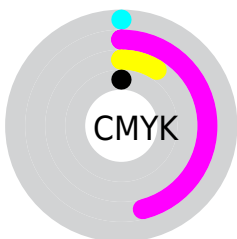
Blue (91%)



Red (100%)

Yellow (54%)

Blue (91%)

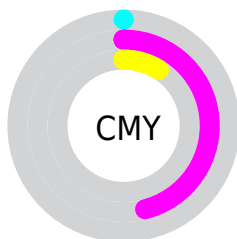


Cyan (0%)

Magenta (46%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.9980, 40.1540, 54.2500 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 182.9980, 40.1540, 54.2500 by changing the saturation by 10% instead.


 182.9980, 40.1540,
54.2500


 182.9980, 40.1540,
54.2500


255.0000, -0.0000,
-0.0000


 154.4000, 38.9620,
53.8260


 218.6060, 17.0500,
32.4260


 126.6880, 38.0910,
53.0910


 235.6290, 9.0750,
17.2590

 98.5030, 37.1740,
53.1900

 252.6520, 1.1000,
2.0920

 67.7960, 37.9070,
56.4270

 44.5460, 35.6150,
53.9110

 33.7370, 27.2270,
40.7230

 23.6400, 19.7100,

28.2700

■ 13.1730, 10.3590,
16.0150

■ 0.0000, 0.0000,
0.0000

■ 182.9980, 40.1540,
54.2500

■ 182.9980, 40.1540,
54.2500

■ 167.1660, 48.9090,
66.2930

■ 198.2430, 31.6740,
42.7300

■ 151.9210, 57.3890,
77.8130

■ 214.0750, 22.9190,
30.6870

■ 135.9750, 66.4650,
89.5450

■ 229.4340, 14.1180,
19.4780

■ 120.7300, 74.9450,
101.0650

■ 245.2660, 5.3630,
7.4350

■ 104.8980, 83.7000, 255.0000, -0.0000,
113.1080 -0.0000

■ 99.3870, 86.8170,
117.1930

Harmonies

Analogous

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



180.0990, -12.0190, 36.1170



182.9980, 40.1540, 54.2500



170.0430, 61.4760, 42.2760

Triad

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



182.9980, 40.1540, 54.2500



171.3390, 54.7040, -33.2640



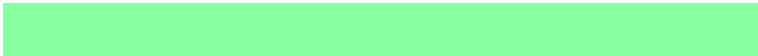
148.5100, -134.3320, -32.4760

Complementary

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



182.9980, 40.1540, 54.2500



209.0020, -40.1540, -54.2500

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.



142.4850, -115.9890, -51.0370



182.9980, 40.1540, 54.2500



165.5980, 8.0780, -47.2980

Square

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



182.9980, 40.1540, 54.2500



175.2310, 82.3920, -6.4080



148.3610, -66.1500, -56.6940



145.2960, -136.3050, -24.2490

Rectangle

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



182.9980, 40.1540, 54.2500



167.9450, 72.8950, 28.0550



148.3610, -66.1500, -56.6940



147.0450, -128.8290, -38.5970

Sweetspot

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



182.9980, 40.1540, 54.2500



233.0700, 12.1470, 16.6510



157.6280, -23.5740, 41.7860



114.5160, 7.6550, 9.9510



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.



182.9980, 40.1540, 54.2500



167.7530, 48.6340, 65.7700



176.2720, 59.0930, 35.9010



120.0270, 4.5380, 5.8660



74.4370, 65.0440, 87.7640



24.9500, 21.7730, 29.4290

Inverse Universe

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



182.9980, 40.1540, 54.2500



167.7530, 48.6340, 65.7700



215.7280, -59.0930, -35.9010



120.0270, 4.5380, 5.8660



74.4370, 65.0440, 87.7640



24.9500, 21.7730, 29.4290

Previews

White Background



This preview shows how the YIQ color 182.9980, 40.1540, 54.2500 looks on a white background.

Color Contrast Check

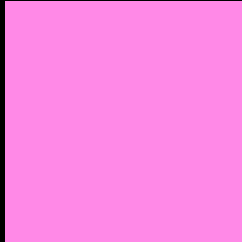
Large Text (above 18pt) WCAG AA × Fail

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 182.9980, 40.1540, 54.2500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

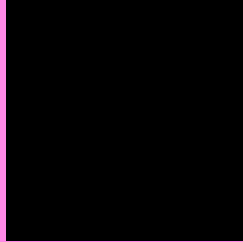
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 182.9980, 40.1540, 54.2500

Background



This preview shows how black text looks on a background with the YIQ color 182.9980, 40.1540, 54.2500.



This preview shows how white text looks on a background with the YIQ color 182.9980, 40.1540,

54.2500.

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

182.9980, 40.1540, 54.2500

Protanopia

179.0150, -38.7460, 19.3820

Deuteranopia

180.5750, -17.1960, 14.2920



Tritanopia

181.6590, 53.0890, 23.5610

Trichromacy



Original Color

182.9980, 40.1540, 54.2500



Protanomaly

180.2470, -9.6800, 32.2720



Deuteranomaly

181.6690, 3.5710, 28.9070



Tritanomaly

182.4710, 48.2270, 34.5870

Monochromacy



Original Color

182.9980, 40.1540, 54.2500



Achromatopsia

183.0000, -0.0000, -0.0000



Achromatomaly

182.7330, 14.7140, 19.6900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.9980, 40.1540, 54.2500 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(255, 137, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 231)  
}
```

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(255, 137, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 231) }
```

Border

The CSS property to change the border of an element to YIQ 182.9980, 40.1540, 54.2500 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(255, 137, 231) }
```


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

```
.border{ border-color:rgb(255, 137, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 182.9980, 40.1540, 54.2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 231) }
```

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

```
.background{ background-color: rgb(255,  
137, 231) }
```

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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