

Converting Colors

YIQ(201.1270, 26.3090, 46.3490)

Have a look what the booklet for
YIQ(201.1270, 26.3090, 46.3490)
contains.

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Color

**YIQ(201.1270, 26.3090,
46.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4FB
RGB	255, 164, 251
RGB Percent	100%, 64%, 98%
CMY	0.0000, 0.3570, 0.0156
CMYK	0.00, 0.36, 0.02, 0.00
HSL	303°, 100%, 82%
HSV	303°, 36%, 100%
XYZ	71.9227, 54.7629, 98.0542
YIQ	201.1270, 26.3090, 46.3490

Conversions

Conversions Part 2

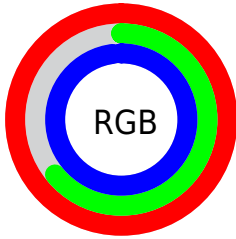
Format	Color
R_{YB}	255, 164, 251
Decimal	16753915
CIE _{Lab}	78.90, 46.56, -29.51
CIE _{LCh}	79, 55.123, 327.634
Yxy	54.7629, 0.3200, 0.2437
Android (android.graphics.Color)	4294943995 (0xFFFFA4FB)
YUV	201.1270, 24.5874, 47.2466
Hunter-Lab	74.0020, 43.9812, -26.7591

Details

The YIQ color $201.1270, 26.3090, 46.3490$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $217.8730, -26.3090, -46.3490$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $234.4550, 9.6250, 18.3050$, and $145.5890, 24.8880, 44.5680$ is the 20% darker color. If you saturate the color by 10%, you get $185.7510, 33.7800, 59.6360$, and if you desaturate by 10%, it is $215.9160, 19.1130, 33.5850$.

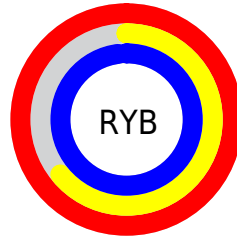
Distribution



Red (100%)

Green (64%)

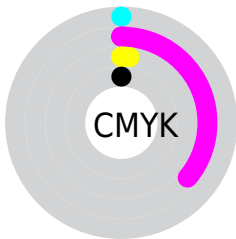
Blue (98%)



Red (100%)

Yellow (64%)

Blue (98%)

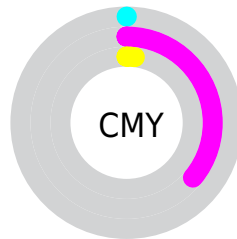


Cyan (0%)

Magenta (36%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.1270, 26.3090, 46.3490 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 201.1270, 26.3090, 46.3490 by changing the saturation by 10% instead.


 201.1270, 26.3090,
46.3490


 201.1270, 26.3090,
46.3490

255.0000, -0.0000,
-0.0000


 173.3010, 25.7590,
45.3030


 234.4550, 9.6250,
18.3050


 145.5890, 24.8880,
44.5680

 251.4780, 1.6500,
3.1380

 118.8770, 24.0170,
43.8330

 92.1650, 23.1460,
43.0980

 65.3930, 22.5040,
43.7200

 36.5720, 23.5580,
46.6460

 26.0620, 15.7660,

33.6700

■ 17.2750, 10.3120,
22.3760

■ 2.9810, -7.0160,
6.0080

■ 201.1270, 26.3090,
46.3490

■ 201.1270, 26.3090,
46.3490

■ 185.7510, 33.7800,
59.6360

■ 215.9160, 19.1130,
33.5850

■ 170.9620, 40.9760,
72.4000

■ 231.2920, 11.6420,
20.2980

■ 155.5860, 48.4470,
85.6870

■ 246.0810, 4.4460,
7.5340

■ 140.7970, 55.6430,
98.4510

■ 255.0000, -0.0000,
-0.0000

■ 125.3070, 63.4350,
111.4270

■ 110.5180, 70.6310,
124.1910

■ 104.0610, 73.6560,
129.9440

Harmonies

Analogous

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



194.7850, -17.4270, 23.9890



201.1270, 26.3090, 46.3490



189.0840, 45.0630, 36.8630

Triad

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



201.1270, 26.3090, 46.3490



190.8480, 55.0690, -23.3550



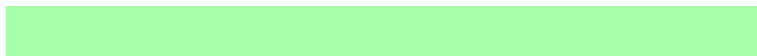
157.2010, -138.1360, -40.6320

Complementary

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



201.1270, 26.3090, 46.3490



217.8730, -26.3090, -46.3490

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.



151.2730, -121.4440, -56.8040



201.1270, 26.3090, 46.3490



185.6580, 17.0170, -38.5910

Square

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



201.1270, 26.3090, 46.3490



189.7490, 69.3700, -1.6860



176.6100, -35.7540, -45.8820



155.2750, -140.9800, -33.1400

Rectangle

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



201.1270, 26.3090, 46.3490



185.0940, 56.2980, 25.9780



176.6100, -35.7540, -45.8820



155.3770, -133.0000, -45.6080

Sweetspot

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



201.1270, 26.3090, 46.3490



238.4500, 8.0210, 14.3330



175.2710, -27.4230, 28.9370



117.9070, 4.9960, 8.5800



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.



201.1270, 26.3090, 46.3490



189.8600, 31.8550, 55.9750



195.9970, 40.7540, 32.3540



120.2550, 3.8960, 6.4880



77.9710, 55.0930, 97.4050



26.0900, 18.5630, 32.5390

Inverse Universe

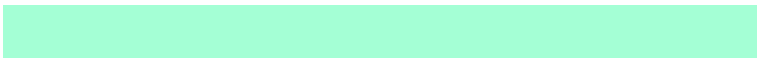
The Inverse Universe completely reimagines the original color for something new.



201.1270, 26.3090, 46.3490



189.8600, 31.8550, 55.9750



223.0030, -40.7540, -32.3540



120.2550, 3.8960, 6.4880



77.9710, 55.0930, 97.4050



26.0900, 18.5630, 32.5390

Previews

White Background



This preview shows how the YIQ color 201.1270, 26.3090, 46.3490 looks on a white background.

Color Contrast Check

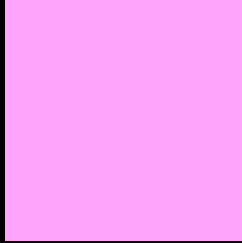
Large Text (above 18pt) WCAG AA × Fail

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 201.1270, 26.3090, 46.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

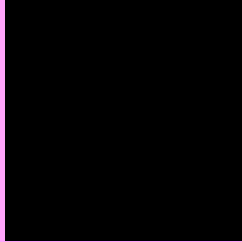
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.1270, 26.3090, 46.3490

Background



This preview shows how black text looks on a background with the YIQ color 201.1270, 26.3090, 46.3490.



This preview shows how white text looks on a background with the YIQ color 201.1270, 26.3090,

46.3490.

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

201.1270, 26.3090, 46.3490

Protanopia

196.1700, -29.1170, 15.5790

Deuteranopia

197.2590, -19.1220, 16.1580



Tritanopia

198.8250, 37.8220, 19.4060

Trichromacy



Original Color

201.1270, 26.3090, 46.3490



Protanomaly

197.9710, -9.0830, 26.9570



Deuteranomaly

198.7930, -2.7100, 27.0980



Tritanomaly

199.8820, 33.6480, 28.9760

Monochromacy



Original Color

201.1270, 26.3090, 46.3490



Achromatopsia

201.0000, -0.0000, 0.0000



Achromatomaly

201.4010, 9.7170, 16.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.1270, 26.3090, 46.3490 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, 164, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 251)  
}
```

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, 164, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 251) }
```

Border

The CSS property to change the border of an element to YIQ 201.1270, 26.3090, 46.3490 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, 164, 251) }
```


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

```
.border{ border-color:rgb(255, 164, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 201.1270, 26.3090, 46.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 251) }
```

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

```
.background{ background-color: rgb(255,  
164, 251) }
```

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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