

Converting Colors

YIQ(200.8940, 25.3470, 41.7550)

Have a look what the booklet for
YIQ(200.8940, 25.3470, 41.7550)
contains.

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Color

**YIQ(200.8940, 25.3470,
41.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA7F4
RGB	251, 167, 244
RGB Percent	98%, 65%, 96%
CMY	0.0154, 0.3452, 0.0431
CMYK	0.00, 0.33, 0.03, 0.02
HSL	305°, 91%, 82%
HSV	305°, 33%, 98%
XYZ	69.9494, 54.6778, 92.4634
YIQ	200.8940, 25.3470, 41.7550

Conversions

Conversions Part 2

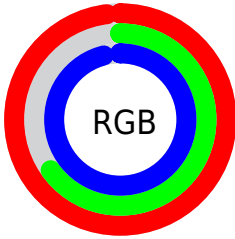
Format	Color
R _Y B	251, 167, 244
Decimal	16492532
CIE Lab	78.86, 42.57, -25.85
CIE LCh	79, 49.800, 328.729
Yxy	54.6778, 0.3222, 0.2519
Android (android.graphics.Color)	4294682612 (0xFFFBA7F4)
YUV	200.8940, 21.2513, 43.9430
Hunter-Lab	73.9445, 39.4533, -22.3777

Details

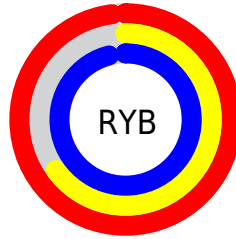
The YIQ color $200.8940, 25.3470, 41.7550$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $217.1060, -25.3470, -41.7550$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.2160, 8.8000, 16.7360$, and $145.4700, 23.6050, 40.2850$ is the 20% darker color. If you saturate the color by 10%, you get $185.9910, 32.8640, 54.2080$, and if you desaturate by 10%, it is $215.7970, 17.8300, 29.3020$.

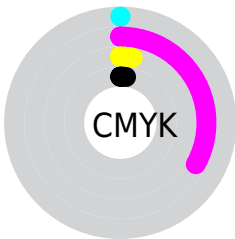
Distribution



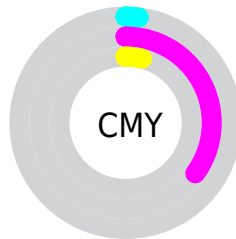
- Red (98%)
- Green (65%)
- Blue (96%)



- Red (98%)
- Yellow (65%)
- Blue (96%)



- Cyan (0%)
- Magenta (33%)
- Yellow (3%)
- Black (2%)




- Cyan (2%)
- Magenta (35%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.8940, 25.3470, 41.7550 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 200.8940, 25.3470, 41.7550 by changing the saturation by 10% instead.


 200.8940, 25.3470,
41.7550


 200.8940, 25.3470,
41.7550


255.0000, -0.0000,
-0.0000


 173.0680, 24.7970,
40.7090


 236.2160, 8.8000,
16.7360


 145.4700, 23.6050,
40.2850

 253.2390, 0.8250,
1.5690

 118.6440, 23.0550,
39.2390

 92.9320, 22.1840,
38.5040

 66.7470, 21.2670,
38.6030

 38.5130, 22.0460,
41.0060

 24.8940, 16.1790,

31.6910

■ 16.1070, 10.7250,
20.3970

■ 2.2970, -5.0900,
4.1420

■ 200.8940, 25.3470,
41.7550

■ 200.8940, 25.3470,
41.7550

■ 185.9910, 32.8640,
54.2080

■ 215.7970, 17.8300,
29.3020

■ 171.0880, 40.3810,
66.6610

■ 230.7000, 10.3130,
16.8490

■ 156.1850, 47.8980,
79.1140

■ 245.6030, 2.7960,
4.3960

■ 141.2820, 55.4150,
91.5670

■ 253.4620, -1.4210,
-1.7810

■ 125.6780, 63.5280,
104.2320

■ 253.8040, -2.3840,
-0.8480

■ 110.7750, 71.0450,
116.6850

■ 101.2690, 75.7660,
124.7420

Harmonies

Analogous

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



195.6820, -15.6390, 24.6250



200.8940, 25.3470, 41.7550



191.6770, 44.6510, 33.3150

Triad

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



200.8940, 25.3470, 41.7550



191.7920, 49.4750, -21.0930



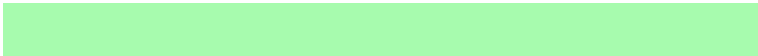
155.0980, -136.3480, -39.9960

Complementary

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



200.8940, 25.3470, 41.7550



217.1060, -25.3470, -41.7550

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.



157.6170, -107.5530, -49.7370



200.8940, 25.3470, 41.7550



186.7980, 13.8070, -35.4810

Square

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



200.8940, 25.3470, 41.7550



192.3080, 66.2980, -1.0780



179.2130, -32.9580, -41.4860



153.5140, -140.1550, -31.5710

Rectangle

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



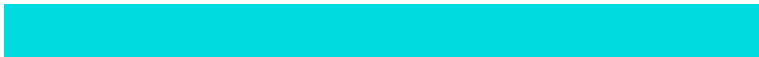
200.8940, 25.3470, 41.7550



188.7300, 54.3270, 23.1510



179.2130, -32.9580, -41.4860



153.9750, -131.8080, -45.1840

Sweetspot

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



200.8940, 25.3470, 41.7550



240.0970, 7.5170, 12.4530



178.6690, -22.7920, 27.6080



118.3800, 5.0420, 7.7460



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.



200.8940, 25.3470, 41.7550



194.1000, 30.9390, 50.5470



196.1060, 38.8290, 28.6930



117.2550, 3.8960, 6.4880



76.2330, 57.1110, 93.8710



24.6230, 18.3800, 30.3480

Inverse Universe

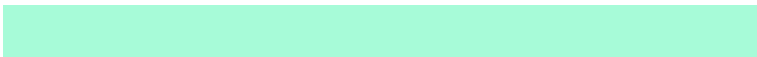
The Inverse Universe completely reimagines the original color for something new.



200.8940, 25.3470, 41.7550



194.1000, 30.9390, 50.5470



221.8940, -38.8290, -28.6930



117.2550, 3.8960, 6.4880



76.2330, 57.1110, 93.8710



24.6230, 18.3800, 30.3480

Previews

White Background



This preview shows how the YIQ color 200.8940, 25.3470, 41.7550 looks on a white background.

Color Contrast Check

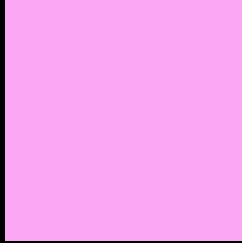
Large Text (above 18pt) WCAG AA × Fail

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 200.8940, 25.3470, 41.7550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

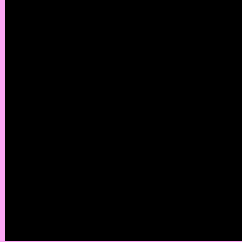
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.8940, 25.3470, 41.7550

Background



This preview shows how black text looks on a background with the YIQ color 200.8940, 25.3470, 41.7550.



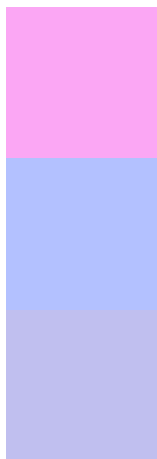
This preview shows how white text looks on a background with the YIQ color 200.8940, 25.3470,

41.7550.

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

200.8940, 25.3470, 41.7550

Protanopia

195.8820, -28.2460, 16.3140

Deuteranopia

196.7710, -14.8120, 15.1400



Tritanopia

198.6290, 35.4380, 18.5580

Trichromacy



Original Color

200.8940, 25.3470, 41.7550



Protanomaly

197.9170, -8.9910, 25.2890



Deuteranomaly

197.9950, -0.4630, 24.9210



Tritanomaly

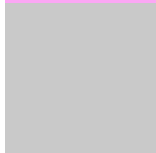
199.3440, 32.2270, 27.1950

Monochromacy



Original Color

200.8940, 25.3470, 41.7550



Achromatopsia

201.0000, -0.0000, 0.0000



Achromatomaly

201.1620, 8.8920, 15.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.8940, 25.3470, 41.7550 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(251, 167, 244)` looks like.

```
.text, #text, p{  
    color:rgb(251, 167, 244)  
}
```

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(251, 167, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 167, 244) }
```

Border

The CSS property to change the border of an element to YIQ 200.8940, 25.3470, 41.7550 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(251, 167, 244) }
```


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

```
.border{ border-color:rgb(251, 167, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 167, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 167, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 167, 244); box-shadow:4px 4px 4px 4px rgb(251, 167, 244) }
```

Background

The CSS property to change the background color of an element to YIQ 200.8940, 25.3470, 41.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 167, 244) }
```

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

```
.background{ background-color: rgb(251,  
167, 244) }
```

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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