

Converting Colors

YIQ(206.8440, 19.6160, 40.9920)

Have a look what the booklet for
YIQ(206.8440, 19.6160, 40.9920)
contains.

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Color

**YIQ(206.8440, 19.6160,
40.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAFFF
RGB	251, 175, 255
RGB Percent	98%, 69%, 100%
CMY	0.0154, 0.3138, 0.0000
CMYK	0.02, 0.31, 0.00, 0.00
HSL	297°, 100%, 84%
HSV	297°, 31%, 100%
XYZ	73.1786, 58.3877, 102.0208
YIQ	206.8440, 19.6160, 40.9920

Conversions

Conversions Part 2

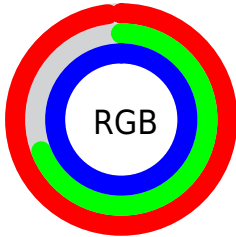
Format	Color
R _Y B	251, 175, 255
Decimal	16494591
CIE _{Lab}	80.95, 40.36, -28.55
CIE _{LCh}	81, 49.436, 324.731
Yxy	58.3877, 0.3133, 0.2500
Android (android.graphics.Color)	4294684671 (0xFFFB _A FFF)
YUV	206.8440, 23.7409, 38.7248
Hunter-Lab	76.4119, 37.2263, -25.6723

Details

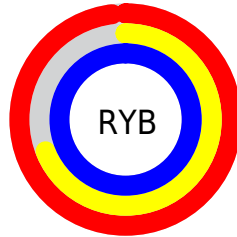
The YIQ color $206.8440, 19.6160, 40.9920$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $223.1560, -19.6160, -40.9920$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $240.9120, 6.6000, 12.5520$, and $151.3060, 18.1950, 39.2110$ is the 20% darker color. If you saturate the color by 10%, you get $191.2830, 26.1700, 54.3780$, and if you desaturate by 10%, it is $221.8180, 13.3370, 28.1290$.

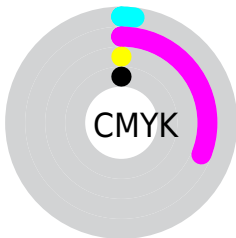
Distribution



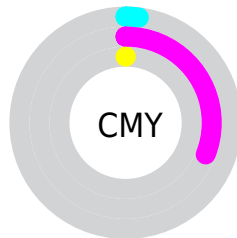
- Red (98%)
- Green (69%)
- Blue (100%)



- Red (98%)
- Yellow (69%)
- Blue (100%)



- Cyan (2%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 206.8440, 19.6160, 40.9920 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 206.8440, 19.6160, 40.9920 by changing the saturation by 10% instead.


 206.8440, 19.6160,
40.9920


 206.8440, 19.6160,
40.9920


255.0000, -0.0000,
-0.0000


 179.0180, 19.0660,
39.9460


 240.9120, 6.6000,
12.5520

 151.3060, 18.1950,
39.2110

 124.8930, 17.9200,
38.6880

 98.7680, 16.7740,
37.4300

 73.3550, 16.4990,
36.9070

 47.4690, 16.1780,
37.2180

 26.1050, 14.2070,

34.3910

■ 17.3180, 8.7530,
23.0970

■ 2.8500, -8.0250,
7.7750

■ 206.8440, 19.6160,
40.9920

■ 206.8440, 19.6160,
40.9920

■ 191.2830, 26.1700,
54.3780

■ 221.8180, 13.3370,
28.1290

■ 176.3090, 32.4490,
67.2410

■ 237.6780, 7.3790,
14.9550

■ 160.4490, 38.4070,
80.4150

■ 252.6520, 1.1000,
2.0920

■ 145.4750, 44.6860,
93.2780

■ 255.0000, -0.0000,
-0.0000

■ 129.9140, 51.2400,
106.6640

■ 114.9400, 57.5190,
119.5270

■ 101.4280, 62.3770,
130.6090

Harmonies

Analogous

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



199.4810, -19.6270, 19.8050



206.8440, 19.6160, 40.9920



196.5670, 39.1490, 33.9090

Triad

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



206.8440, 19.6160, 40.9920



198.2270, 52.6840, -18.6760



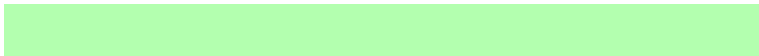
159.2070, -138.2730, -43.6570

Complementary

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



206.8440, 19.6160, 40.9920



223.1560, -19.6160, -40.9920

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.



171.7890, -87.4260, -45.5540



206.8440, 19.6160, 40.9920



193.4890, 19.1710, -33.5730

Square

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



206.8440, 19.6160, 40.9920



195.7960, 61.9880, -0.0600



186.4480, -26.3100, -40.8220



157.6230, -142.0800, -35.2320

Rectangle

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



206.8440, 19.6160, 40.9920



193.0330, 49.1000, 24.2680



186.4480, -26.3100, -40.8220



157.4970, -133.4580, -48.3220

Sweetspot

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



206.8440, 19.6160, 40.9920



241.2000, 5.7290, 11.8170



186.4680, -26.7800, 22.7880



118.8960, 3.5290, 7.6330



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.



206.8440, 19.6160, 40.9920



196.5660, 23.6950, 49.6710



203.9360, 33.5560, 30.6440



120.0700, 2.9790, 6.5870



76.1920, 47.1610, 97.9850



25.5350, 15.8120, 32.8360

Inverse Universe

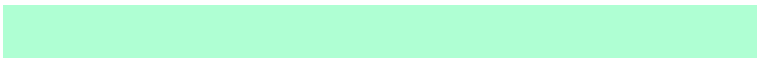
The Inverse Universe completely reimagines the original color for something new.



199.3760, 46.3960, 18.2040



187.5730, 56.2070, 22.1190



226.0640, -33.5560, -30.6440



118.8870, 7.7480, 2.7560



58.1350, 110.9470, 43.2910



19.4780, 37.1810, 14.5010

Previews

White Background



This preview shows how the YIQ color 206.8440, 19.6160, 40.9920 looks on a white background.

Color Contrast Check

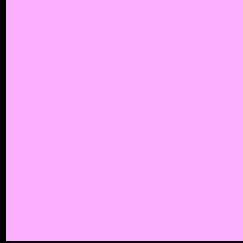
Large Text (above 18pt) WCAG AA × Fail

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 206.8440, 19.6160, 40.9920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

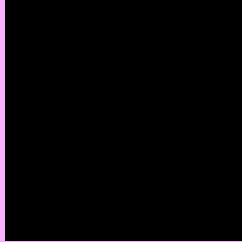
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.8440, 19.6160, 40.9920

Background



This preview shows how black text looks on a background with the YIQ color 206.8440, 19.6160, 40.9920.



This preview shows how white text looks on a background with the YIQ color 206.8440, 19.6160,

40.9920.

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

206.8440, 19.6160, 40.9920

Protanopia

201.4970, -25.7240, 14.6600

Deuteranopia

202.8570, -17.9300, 16.5820



Tritanopia

204.9380, 30.0740, 16.6500

Trichromacy



Original Color

206.8440, 19.6160, 40.9920



Protanomaly

203.3900, -8.9450, 24.4550



Deuteranomaly

204.2550, -4.1310, 25.3170



Tritanomaly

205.7670, 26.5420, 25.5980

Monochromacy



Original Color

206.8440, 19.6160, 40.9920



Achromatopsia

207.0000, 0.0000, -0.0000



Achromatomaly

206.6780, 7.3790, 14.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.8440, 19.6160, 40.9920 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, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 175, 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(251, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 175, 255) }
```

Border

The CSS property to change the border of an element to YIQ 206.8440, 19.6160, 40.9920 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, 175, 255) }
```


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

```
.border{ border-color:rgb(251, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 175,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 206.8440, 19.6160, 40.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 175, 255) }
```

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

```
.background{ background-color: rgb(251,  
175, 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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