

Converting Colors

YIQ(195.4390, 34.0580, 43.5780)

Have a look what the booklet for
YIQ(195.4390, 34.0580, 43.5780)
contains.

YIQ(195.4390, 34.0580, 43.5780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(195.4390, 34.0580,
43.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EE8
RGB	255, 158, 232
RGB Percent	100%, 62%, 91%
CMY	0.0000, 0.3805, 0.0901
CMYK	0.00, 0.38, 0.09, 0.00
HSL	314°, 100%, 81%
HSV	314°, 38%, 100%
XYZ	68.0282, 51.5272, 82.7190
YIQ	195.4390, 34.0580, 43.5780

Conversions

Conversions Part 2

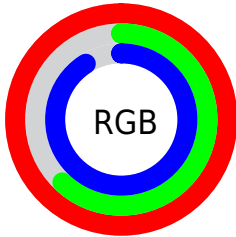
Format	Color
R _Y B	255, 158, 232
Decimal	16752360
CIE Lab	77.00, 46.40, -22.15
CIE LCh	77, 51.420, 334.481
Yxy	51.5272, 0.3363, 0.2547
Android (android.graphics.Color)	4294942440 (0xFFFF9EE8)
YUV	195.4390, 18.0246, 52.2350
Hunter-Lab	71.7825, 43.5452, -18.0755

Details

The YIQ color **195.4390, 34.0580, 43.5780** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **217.5610, -34.0580, -43.5780**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9330, 11.2750, 21.4430**, and **140.0150, 32.3160, 42.1080** is the 20% darker color. If you saturate the color by 10%, you get **179.4930, 43.1340, 55.3100**, and if you desaturate by 10%, it is **210.7980, 25.2570, 32.3690**.

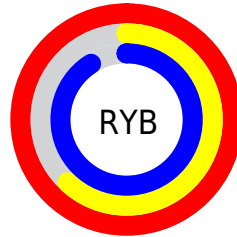
Distribution



Red (100%)

Green (62%)

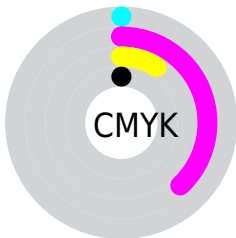
Blue (91%)



Red (100%)

Yellow (62%)

Blue (91%)

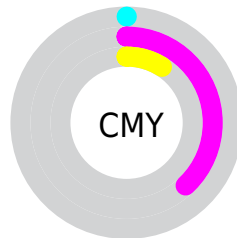


Cyan (0%)

Magenta (38%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.4390, 34.0580, 43.5780 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 195.4390, 34.0580, 43.5780 by changing the saturation by 10% instead.


 195.4390, 34.0580,
43.5780

 195.4390, 34.0580,
43.5780


255.0000, -0.0000,
-0.0000


 167.7270, 33.1870,
42.8430


 230.9330, 11.2750,
21.4430


 140.0150, 32.3160,
42.1080

 247.9560, 3.3000,
6.2760

 113.0040, 30.8490,
41.1610

 86.8190, 29.9320,
41.2600

 59.3460, 29.8860,
42.0940

 34.7480, 28.6940,
41.6700

 24.3520, 20.5810,

29.0050

■ 15.0810, 13.6140,
17.5980

■ 0.0000, 0.0000,
0.0000

■ 195.4390, 34.0580,
43.5780

■ 195.4390, 34.0580,
43.5780

■ 179.4930, 43.1340,
55.3100

■ 210.7980, 25.2570,
32.3690

■ 164.1340, 51.9350,
66.5190

■ 226.7440, 16.1810,
20.6370

■ 148.1880, 61.0110,
78.2510

■ 242.1030, 7.3800,
9.4280

■ 132.8290, 69.8120,
89.4600

255.0000, -0.0000,
-0.0000

■ 116.8830, 78.8880,
101.1920

■ 101.5240, 87.6890,
112.4010

■ 98.4750, 89.3850,
114.7050

Harmonies

Analogous

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



192.7910, -8.3960, 31.0280



195.4390, 34.0580, 43.5780



185.9720, 51.0700, 32.6220

Triad

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



195.4390, 34.0580, 43.5780



185.4060, 44.5700, -25.8140



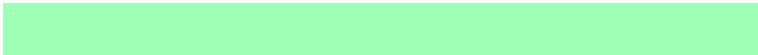
152.7330, -136.5780, -35.8260

Complementary

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



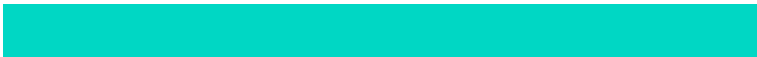
195.4390, 34.0580, 43.5780



217.5610, -34.0580, -43.5780

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.



148.5490, -122.0410, -51.4890



195.4390, 34.0580, 43.5780



180.0250, 5.7380, -37.9260

Square

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



195.4390, 34.0580, 43.5780



188.7550, 69.2330, -4.7110



170.5150, -45.6120, -43.4360



149.9920, -138.5050, -28.4330

Rectangle

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



195.4390, 34.0580, 43.5780



184.0850, 60.5170, 21.1010



170.5150, -45.6120, -43.4360



151.6100, -132.0380, -41.0140

Sweetspot

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



195.4390, 34.0580, 43.5780



237.7660, 9.9470, 12.4670



175.9350, -17.4290, 35.0430



117.5650, 5.9590, 7.6470



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.



195.4390, 34.0580, 43.5780



183.1290, 41.1630, 52.4830



189.9670, 49.4660, 28.6500



119.9130, 4.8590, 5.5550



73.7530, 66.9700, 85.8980



24.7220, 22.4150, 28.8070

Inverse Universe

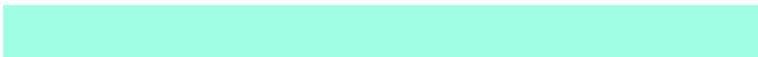
The Inverse Universe completely reimagines the original color for something new.



195.4390, 34.0580, 43.5780



183.1290, 41.1630, 52.4830



223.0330, -49.4660, -28.6500



119.9130, 4.8590, 5.5550



73.7530, 66.9700, 85.8980



24.7220, 22.4150, 28.8070

Previews

White Background



This preview shows how the YIQ color 195.4390, 34.0580, 43.5780 looks on a white background.

Color Contrast Check

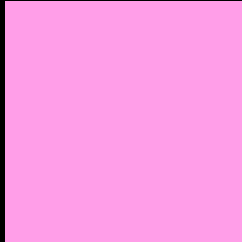
Large Text (above 18pt) WCAG AA × Fail

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 195.4390, 34.0580, 43.5780 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 195.4390, 34.0580, 43.5780

Background



This preview shows how black text looks on a background with the YIQ color 195.4390, 34.0580, 43.5780.



This preview shows how white text looks on a background with the YIQ color 195.4390, 34.0580,

43.5780.

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

195.4390, 34.0580, 43.5780

Protanopia

190.7400, -30.7220, 17.1340

Deuteranopia

192.1690, -10.1810, 13.8110



Tritanopia

193.7010, 44.1030, 21.2150

Trichromacy



Original Color

195.4390, 34.0580, 43.5780



Protanomaly

192.3410, -7.2490, 26.7590



Deuteranomaly

193.4040, 5.6350, 24.5390



Tritanomaly

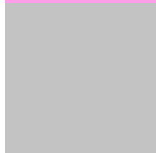
194.1170, 40.2960, 29.6400

Monochromacy



Original Color

195.4390, 34.0580, 43.5780



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.4290, 12.5140, 15.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.4390, 34.0580, 43.5780 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, 158, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 232)  
}
```

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, 158, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 232) }
```

Border

The CSS property to change the border of an element to YIQ 195.4390, 34.0580, 43.5780 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, 158, 232) }
```


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

```
.border{ border-color:rgb(255, 158, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 195.4390, 34.0580, 43.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 232) }
```

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

```
.background{ background-color: rgb(255,  
158, 232) }
```

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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