

Converting Colors

YIQ(194.5450, 19.0200, 40.7800)

Have a look what the booklet for
YIQ(194.5450, 19.0200, 40.7800)
contains.

YIQ(194.5450, 19.0200, 40.7800)	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(194.5450, 19.0200,
40.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA3F3
RGB	238, 163, 243
RGB Percent	93%, 64%, 95%
CMY	0.0664, 0.3609, 0.0470
CMYK	0.02, 0.33, 0.00, 0.05
HSL	296°, 77%, 80%
HSV	296°, 33%, 95%
XYZ	64.5493, 50.8418, 91.2081
YIQ	194.5450, 19.0200, 40.7800

Conversions

Conversions Part 2

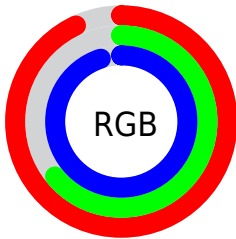
Format	Color
R _{YB}	238, 163, 243
Decimal	15639539
CIE _{Lab}	76.58, 40.43, -28.91
CIE _{LCh}	77, 49.702, 324.436
Y _{xy}	50.8418, 0.3124, 0.2461
Android (android.graphics.Color)	4293829619 (0xFFEEA3F3)
YUV	194.5450, 23.8883, 38.1100
Hunter-Lab	71.3034, 36.8108, -25.9287

Details

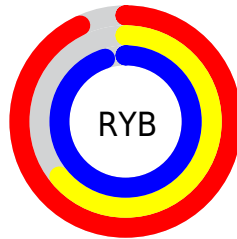
The YIQ color $194.5450, 19.0200, 40.7800$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $211.4550, -19.0200, -40.7800$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $233.8680, 9.9000, 18.8280$, and $140.0070, 17.5990, 38.9990$ is the 20% darker color. If you saturate the color by 10%, you get $180.1580, 25.0240, 53.1200$, and if you desaturate by 10%, it is $209.2310, 13.6120, 28.6520$.

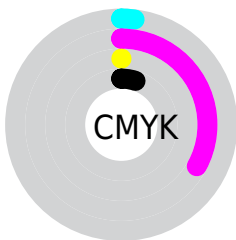
Distribution



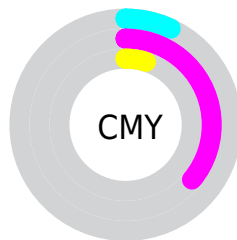
- Red (93%)
- Green (64%)
- Blue (95%)



- Red (93%)
- Yellow (64%)
- Blue (95%)



- Cyan (2%)
- Magenta (33%)
- Yellow (0%)
- Black (5%)




- Cyan (7%)
- Magenta (36%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.5450, 19.0200, 40.7800 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 194.5450, 19.0200, 40.7800 by changing the saturation by 10% instead.


 194.5450, 19.0200,
40.7800


 194.5450, 19.0200,
40.7800


255.0000, -0.0000,
-0.0000


 166.7190, 18.4700,
39.7340


 233.8680, 9.9000,
18.8280


 140.0070, 17.5990,
38.9990

 250.8910, 1.9250,
3.6610

 113.1810, 17.0490,
37.9530

 87.4690, 16.1780,
37.2180

 62.1700, 15.5820,
37.0060

 34.8220, 16.6820,
39.0980

 21.7900, 10.5400,

29.2600

■ 12.7040, 4.4900,
17.7540

■ 2.1830, -4.7690,
3.8310

■ 194.5450, 19.0200,
40.7800

■ 194.5450, 19.0200,
40.7800

■ 180.1580, 25.0240,
53.1200

■ 209.2310, 13.6120,
28.6520

■ 164.8850, 30.7070,
65.7710

■ 224.2050, 7.3330,
15.7890

■ 150.4980, 36.7110,
78.1110

■ 238.8910, 1.9250,
3.6610

■ 135.8120, 42.1190,
90.2390

■ 250.3430, -2.7040,
-6.0640

120.8380, 48.3980,
103.1020

250.9410, -1.5120,
-5.6400

106.1520, 53.8060,
115.2300

251.2400, -0.9160,
-5.4280

95.8740, 57.8850,
123.9090

251.8380, 0.2760,
-5.0040

252.1370, 0.8720,
-4.7920

252.7350, 2.0640,
-4.3680

Harmonies

Analogous

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



188.5500, -24.0750, 23.3250



194.5450, 19.0200, 40.7800



188.1550, 46.3010, 36.4530

Triad

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



194.5450, 19.0200, 40.7800



185.6400, 52.9590, -18.1530



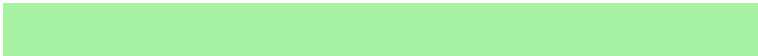
150.0940, -130.5250, -40.9010

Complementary

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



194.5450, 19.0200, 40.7800



211.4550, -19.0200, -40.7800

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.



156.2120, -93.1110, -47.1510



194.5450, 19.0200, 40.7800



181.4890, 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.



194.5450, 19.0200, 40.7800



187.4980, 68.8190, 2.7950



174.1600, -25.4390, -40.0870



150.5790, -138.7800, -28.9560

Rectangle

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



194.5450, 19.0200, 40.7800



184.6210, 56.2520, 26.8120



174.1600, -25.4390, -40.0870



148.9710, -125.9850, -46.0890

Sweetspot

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



194.5450, 19.0200, 40.7800



239.7270, 5.6830, 12.6510



175.0550, -27.0550, 22.2650



118.3090, 3.8040, 8.1560



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.



194.5450, 19.0200, 40.7800



193.3320, 24.4740, 52.0740



192.0500, 33.2350, 30.9550



114.9560, 3.3000, 6.2760



73.5290, 44.5940, 94.9460



23.1710, 13.8410, 30.0090

Inverse Universe

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



187.4900, 46.0750, 18.5150



184.1820, 58.8660, 23.4900



213.9500, -33.2350, -30.9550



113.7020, 6.8310, 2.8550



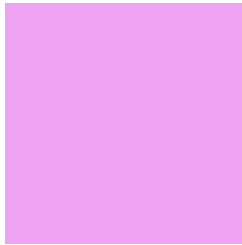
56.9820, 107.0040, 43.1640



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 194.5450, 19.0200, 40.7800 looks on a white background.

Color Contrast Check

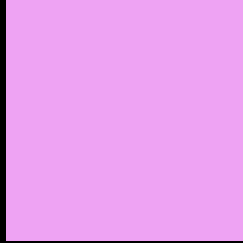
Large Text (above 18pt) WCAG AA × Fail

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 194.5450, 19.0200, 40.7800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

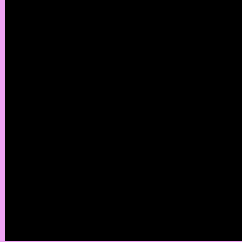
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.5450, 19.0200, 40.7800

Background



This preview shows how black text looks on a background with the YIQ color 194.5450, 19.0200, 40.7800.



This preview shows how white text looks on a background with the YIQ color 194.5450, 19.0200,

40.7800.

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

194.5450, 19.0200, 40.7800

Protanopia

189.6690, -31.9600, 17.5440

Deuteranopia

190.8460, -19.3970, 15.6350



Tritanopia

192.2260, 29.2030, 15.9150

Trichromacy



Original Color

194.5450, 19.0200, 40.7800



Protanomaly

191.4050, -13.3010, 26.3070



Deuteranomaly

192.2440, -5.5980, 24.3700



Tritanomaly

193.0550, 25.6710, 24.8630

Monochromacy



Original Color

194.5450, 19.0200, 40.7800



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

194.6780, 7.3790, 14.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.5450, 19.0200, 40.7800 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(238, 163, 243)` looks like.

```
.text, #text, p{  
    color:rgb(238, 163, 243)  
}
```

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(238, 163, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 163, 243) }
```

Border

The CSS property to change the border of an element to YIQ 194.5450, 19.0200, 40.7800 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(238, 163, 243) }
```


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

```
.border{ border-color:rgb(238, 163, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 163, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 163, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 163, 243);  
box-shadow:4px 4px 4px 4px rgb(238, 163,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 194.5450, 19.0200, 40.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 163, 243) }
```

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

```
.background{ background-color: rgb(238,  
163, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor