

Converting Colors

YIQ(195.3290, 19.3880, 34.1080)

Have a look what the booklet for
YIQ(195.3290, 19.3880, 34.1080)
contains.

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Color

**YIQ(195.3290, 19.3880,
34.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA8E8
RGB	235, 168, 232
RGB Percent	92%, 66%, 91%
CMY	0.0782, 0.3413, 0.0902
CMYK	0.00, 0.29, 0.01, 0.08
HSL	303°, 63%, 79%
HSV	303°, 29%, 92%
XYZ	62.8417, 51.4923, 82.9760
YIQ	195.3290, 19.3880, 34.1080

Conversions

Conversions Part 2

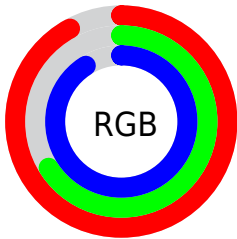
Format	Color
R _Y B	235, 168, 232
Decimal	15444200
CIE Lab	76.98, 34.83, -22.38
CIE LCh	77, 41.395, 327.277
Yxy	51.4923, 0.3185, 0.2610
Android (android.graphics.Color)	4293634280 (0xFFEBA8E8)
YUV	195.3290, 18.0788, 34.7915
Hunter-Lab	71.7582, 30.7433, -18.3280

Details

The YIQ color $195.3290, 19.3880, 34.1080$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $207.6710, -19.3880, -34.1080$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.8030, 8.5250, 16.2130$, and $140.7910, 17.9670, 32.3270$ is the 20% darker color. If you saturate the color by 10%, you get $181.1270, 26.3090, 46.3490$, and if you desaturate by 10%, it is $208.9440, 12.7420, 22.3900$.

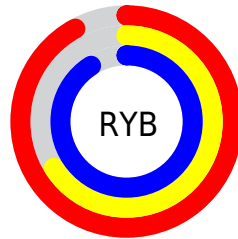
Distribution



Red (92%)

Green (66%)

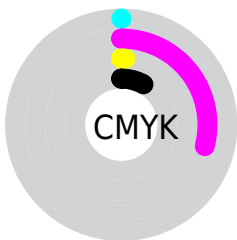
Blue (91%)



Red (92%)

Yellow (66%)

Blue (91%)

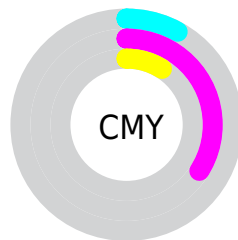


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (8%)



Cyan (8%)

Magenta (34%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.3290, 19.3880, 34.1080 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 195.3290, 19.3880, 34.1080 by changing the saturation by 10% instead.

195.3290, 19.3880,
34.1080

195.3290, 19.3880,
34.1080

255.0000, -0.0000,
-0.0000

167.6170, 18.5170,
33.3730

236.8030, 8.5250,
16.2130

140.7910, 17.9670,
32.3270

253.8260, 0.5500,
1.0460

114.9650, 17.4170,
31.2810

89.3670, 16.2250,
30.8570

64.8400, 16.2710,
30.0230

39.6550, 15.3540,
30.1220

20.4650, 12.8330,

26.2490

■ 11.4930, 6.4620,
15.0540

■ 0.0000, 0.0000,
0.0000

■ 195.3290, 19.3880,
34.1080

■ 195.3290, 19.3880,
34.1080

■ 181.1270, 26.3090,
46.3490

■ 208.9440, 12.7420,
22.3900

■ 167.5120, 32.9550,
58.0670

■ 223.1460, 5.8210,
10.1490

■ 153.3100, 39.8760,
70.3080

■ 236.7610, -0.8250,
-1.5690

■ 139.6950, 46.5220,
82.0260

■ 246.8540, -5.8210,
-10.1490

125.4930, 53.4430,
94.2670

246.9680, -6.1420,
-9.8380

111.8780, 60.0890,
105.9850

247.0820, -6.4630,
-9.5270

97.6760, 67.0100,
118.2260

247.1960, -6.7840,
-9.2160

95.8010, 68.1560,
119.4840

247.4240, -7.4260,
-8.5940

247.5380, -7.7470,
-8.2830

Harmonies

Analogous

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



191.8280, -18.9860, 24.7100



195.3290, 19.3880, 34.1080



192.3950, 45.3850, 31.0250

Triad

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



195.3290, 19.3880, 34.1080



187.8330, 42.2300, -16.4420



153.8890, -119.5220, -36.5620

Complementary

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



195.3290, 19.3880, 34.1080



207.6710, -19.3880, -34.1080

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.



168.5790, -68.8590, -35.1230



195.3290, 19.3880, 34.1080



183.5410, 13.3930, -27.9750

Square

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



195.3290, 19.3880, 34.1080



190.1810, 59.4660, 1.5940



177.7460, -23.9730, -33.6130



166.0350, -104.5330, -16.3490

Rectangle

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



195.3290, 19.3880, 34.1080



190.0180, 53.4560, 22.4160



177.7460, -23.9730, -33.6130



159.2840, -101.6410, -35.7290

Sweetspot

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



195.3290, 19.3880, 34.1080



241.3850, 6.6460, 11.7180



176.2360, -20.3150, 21.2610



119.0810, 4.4460, 7.5340



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.



195.3290, 19.3880, 34.1080



203.4750, 25.2090, 44.2570



191.5670, 29.9810, 23.8450



110.5430, 3.0250, 5.7530



73.8410, 52.3430, 92.1750



21.9600, 15.8130, 27.3090

Inverse Universe

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



195.3290, 19.3880, 34.1080



203.4750, 25.2090, 44.2570



211.4330, -29.9810, -23.8450



110.5430, 3.0250, 5.7530



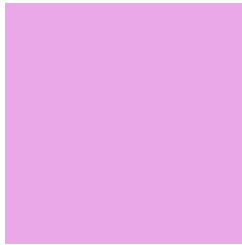
73.8410, 52.3430, 92.1750



21.9600, 15.8130, 27.3090

Previews

White Background



This preview shows how the YIQ color 195.3290, 19.3880, 34.1080 looks on a white background.

Color Contrast Check

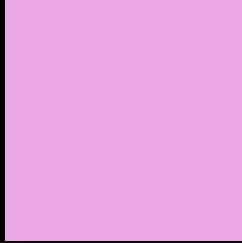
Large Text (above 18pt) WCAG AA × Fail

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 195.3290, 19.3880, 34.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

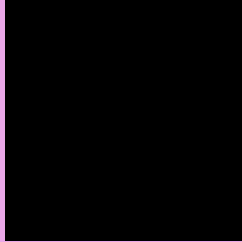
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.3290, 19.3880, 34.1080

Background



This preview shows how black text looks on a background with the YIQ color 195.3290, 19.3880, 34.1080.



This preview shows how white text looks on a background with the YIQ color 195.3290, 19.3880,

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

195.3290, 19.3880, 34.1080

Protanopia

190.7250, -26.3660, 15.2820

Deuteranopia

192.0980, -11.4190, 14.2210



Tritanopia

193.4430, 27.0940, 15.5900

Trichromacy



Original Color

195.3290, 19.3880, 34.1080



Protanomaly

192.6240, -9.7240, 22.0520



Deuteranomaly

192.8870, -0.2790, 21.5850



Tritanomaly

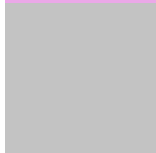
193.9900, 24.2960, 22.2480

Monochromacy



Original Color

195.3290, 19.3880, 34.1080



Achromatopsia

195.0000, -0.0000, 0.0000



Achromatomaly

195.0970, 7.5170, 12.4530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.3290, 19.3880, 34.1080 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(235, 168, 232)` looks like.

```
.text, #text, p{  
    color:rgb(235, 168, 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(235, 168, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 168, 232) }
```

Border

The CSS property to change the border of an element to YIQ 195.3290, 19.3880, 34.1080 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(235, 168, 232) }
```


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

```
.border{ border-color:rgb(235, 168, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 168, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 168, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 168, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 168,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 195.3290, 19.3880, 34.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 168, 232) }
```

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

```
.background{ background-color: rgb(235,  
168, 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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