

Converting Colors

YIQ(193.3080, 23.8810, 35.2810)

Have a look what the booklet for
YIQ(193.3080, 23.8810, 35.2810)
contains.

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Color

**YIQ(193.3080, 23.8810,
35.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA4E3
RGB	238, 164, 227
RGB Percent	93%, 64%, 89%
CMY	0.0664, 0.3570, 0.1098
CMYK	0.00, 0.31, 0.05, 0.07
HSL	309°, 69%, 79%
HSV	309°, 31%, 93%
XYZ	62.4150, 50.2732, 79.0956
YIQ	193.3080, 23.8810, 35.2810

Conversions

Conversions Part 2

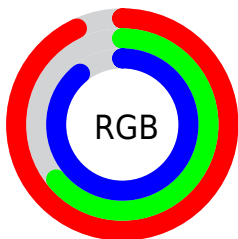
Format	Color
R _Y B	238, 164, 227
Decimal	15639779
CIE Lab	76.24, 37.03, -20.76
CIE LCh	76, 42.448, 330.722
Yxy	50.2732, 0.3254, 0.2621
Android (android.graphics.Color)	4293829859 (0xFFEEA4E3)
YUV	193.3080, 16.6102, 39.1949
Hunter-Lab	70.9036, 33.0487, -16.5077

Details

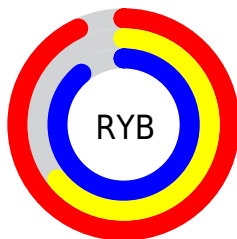
The YIQ color **193.3080, 23.8810, 35.2810** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **208.6920, -23.8810, -35.2810**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.4550, 9.6250, 18.3050**, and **138.8840, 22.1390, 33.8110** is the 20% darker color. If you saturate the color by 10%, you get **178.7640, 31.7650, 46.5890**, and if you desaturate by 10%, it is **207.8520, 15.9970, 23.9730**.

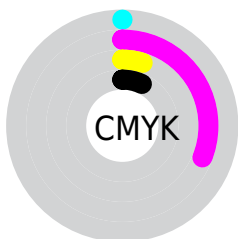
Distribution



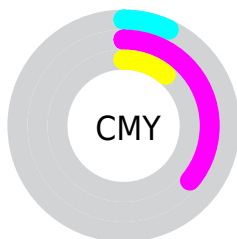
- Red (93%)
- Green (64%)
- Blue (89%)



- Red (93%)
- Yellow (64%)
- Blue (89%)



- Cyan (0%)
- Magenta (31%)
- Yellow (5%)
- Black (7%)





- Cyan (7%)
- Magenta (36%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 193.3080, 23.8810, 35.2810 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 193.3080, 23.8810, 35.2810 by changing the saturation by 10% instead.


 193.3080, 23.8810,
35.2810


 193.3080, 23.8810,
35.2810


255.0000, -0.0000,
-0.0000


 165.5960, 23.0100,
34.5460


 234.4550, 9.6250,
18.3050


 138.8840, 22.1390,
33.8110

 251.4780, 1.6500,
3.1380

 112.4710, 21.8640,
33.2880

 87.3460, 20.7180,
32.0300

 62.0470, 20.1220,
31.8180

 35.6880, 19.7550,
32.9630

 20.7210, 14.9880,

25.7400

■ 11.4500, 8.0210,
14.3330

■ 0.0000, 0.0000,
0.0000

■ 193.3080, 23.8810,
35.2810

■ 193.3080, 23.8810,
35.2810

■ 178.7640, 31.7650,
46.5890

■ 207.8520, 15.9970,
23.9730

■ 164.3340, 39.3280,
58.2080

■ 222.2820, 8.4340,
12.3540

■ 150.3770, 46.9370,
68.9930

■ 236.2390, 0.8250,
1.5690

■ 135.9470, 54.5000,
80.6120

■ 248.3210, -5.6380,
-7.9580

121.4030, 62.3840,
91.9200

248.7770, -6.9220,
-6.7140

106.9730, 69.9470,
103.5390

249.1190, -7.8850,
-5.7810

94.3040, 76.6850,
113.5890

249.5750, -9.1690,
-4.5370

249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



190.6760, -15.5020, 27.6500



193.3080, 23.8810, 35.2810



189.9500, 48.1360, 30.7280

Triad

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



193.3080, 23.8810, 35.2810



185.2950, 40.8090, -18.2230



147.9740, -130.0670, -38.1870

Complementary

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



193.3080, 23.8810, 35.2810



208.6920, -23.8810, -35.2810

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.



163.8490, -78.4870, -36.8470



193.3080, 23.8810, 35.2810



181.2200, 9.8630, -30.0810

Square

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



193.3080, 23.8810, 35.2810



187.7140, 59.2830, -0.5970



174.2830, -29.9790, -34.8990



163.1920, -106.4130, -15.3170

Rectangle

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



193.3080, 23.8810, 35.2810



187.4590, 56.5280, 21.8080



174.2830, -29.9790, -34.8990



147.0790, -126.1690, -42.7530

Sweetspot

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



193.3080, 23.8810, 35.2810



241.1570, 7.2880, 11.0960



175.4260, -17.7940, 25.1340



118.8530, 5.0880, 6.9120



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.



193.3080, 23.8810, 35.2810



198.2260, 30.3440, 44.8080



189.2040, 35.4370, 24.0850



112.7280, 3.9420, 5.6540



72.8000, 59.5880, 87.5240



22.2160, 17.9680, 26.8000

Inverse Universe

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



193.3080, 23.8810, 35.2810



198.2260, 30.3440, 44.8080



212.7960, -35.4370, -24.0850



112.7280, 3.9420, 5.6540



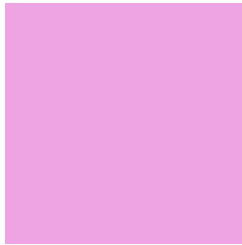
72.8000, 59.5880, 87.5240



22.2160, 17.9680, 26.8000

Previews

White Background



This preview shows how the YIQ color 193.3080, 23.8810, 35.2810 looks on a white background.

Color Contrast Check

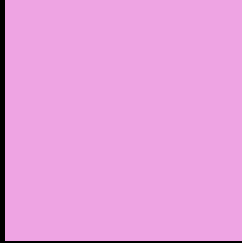
Large Text (above 18pt) WCAG AA × Fail

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 193.3080, 23.8810, 35.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

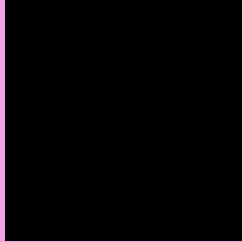
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.3080, 23.8810, 35.2810

Background



This preview shows how black text looks on a background with the YIQ color 193.3080, 23.8810, 35.2810.



This preview shows how white text looks on a background with the YIQ color 193.3080, 23.8810,

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

193.3080, 23.8810, 35.2810

Protanopia

188.9100, -25.4490, 15.1830

Deuteranopia

190.2400, -8.9430, 13.4010



Tritanopia

191.7210, 32.1830, 16.9750

Trichromacy



Original Color

193.3080, 23.8810, 35.2810



Protanomaly

190.4070, -7.6150, 22.3770



Deuteranomaly

191.3280, 2.7930, 20.9770



Tritanomaly

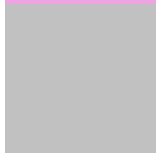
192.2680, 29.3850, 23.6330

Monochromacy



Original Color

193.3080, 23.8810, 35.2810



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

192.6950, 8.7090, 12.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.3080, 23.8810, 35.2810 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, 164, 227)` looks like.

```
.text, #text, p{  
    color:rgb(238, 164, 227)  
}
```

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, 164, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 164, 227) }
```

Border

The CSS property to change the border of an element to YIQ 193.3080, 23.8810, 35.2810 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, 164, 227) }
```


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

```
.border{ border-color:rgb(238, 164, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 164, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 164, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 164, 227);  
box-shadow:4px 4px 4px 4px rgb(238, 164,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 193.3080, 23.8810, 35.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 164, 227) }
```

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

```
.background{ background-color: rgb(238,  
164, 227) }
```

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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