

Converting Colors

YIQ(181.6760, 20.0290, 39.0130)

Have a look what the booklet for
YIQ(181.6760, 20.0290, 39.0130)
contains.

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Color

**YIQ(181.6760, 20.0290,
39.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	E197E2
RGB	225, 151, 226
RGB Percent	88%, 59%, 89%
CMY	0.1174, 0.4079, 0.1137
CMYK	0.00, 0.33, 0.00, 0.11
HSL	299°, 56%, 74%
HSV	299°, 33%, 89%
XYZ	55.8589, 43.6312, 77.4330
YIQ	181.6760, 20.0290, 39.0130

Conversions

Conversions Part 2

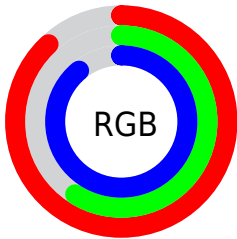
Format	Color
R_{YB}	225, 151, 226
Decimal	14784482
CIE _{Lab}	71.98, 39.58, -26.83
CIE _{LCh}	72, 47.819, 325.873
Yxy	43.6312, 0.3157, 0.2466
Android (android.graphics.Color)	4292974562 (0xFFE197E2)
YUV	181.6760, 21.8517, 37.9951
Hunter-Lab	66.0539, 35.3551, -23.2661

Details

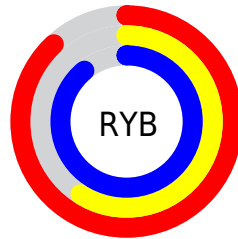
The YIQ color **181.6760, 20.0290, 39.0130** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.3240, -20.0290, -39.0130**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2370, 13.4750, 25.6270**, and **127.4370, 19.2040, 37.4440** is the 20% darker color. If you saturate the color by 10%, you get **168.1750, 26.3540, 51.0420**, and if you desaturate by 10%, it is **195.1770, 13.7040, 26.9840**.

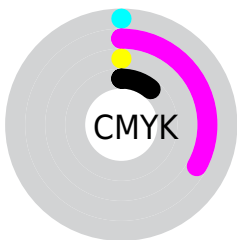
Distribution



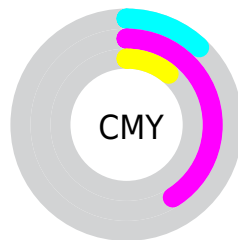
- Red (88%)
- Green (59%)
- Blue (89%)



- Red (88%)
- Yellow (59%)
- Blue (89%)



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (12%)
- Magenta (41%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.6760, 20.0290, 39.0130 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 181.6760, 20.0290, 39.0130 by changing the saturation by 10% instead.

181.6760, 20.0290,
39.0130

181.6760, 20.0290,
39.0130

255.0000, -0.0000,
-0.0000

153.9640, 19.1580,
38.2780

226.2370, 13.4750,
25.6270

127.4370, 19.2040,
37.4440

243.2600, 5.5000,
10.4600

101.4260, 17.7370,
36.4970

76.0130, 17.4620,
35.9740

50.7140, 16.8660,
35.7620

27.0020, 15.9950,
35.0270

17.9160, 9.9450,

23.5210

■ 2.8500, -8.0250,
7.7750

■ 0.0000, 0.0000,
0.0000

■ 181.6760, 20.0290,
39.0130

■ 181.6760, 20.0290,
39.0130

■ 168.1750, 26.3540,
51.0420

■ 195.1770, 13.7040,
26.9840

■ 154.9620, 31.8080,
62.3360

■ 208.3900, 8.2500,
15.6900

■ 141.4610, 38.1330,
74.3650

■ 221.8910, 1.9250,
3.6610

■ 128.5470, 44.1830,
85.8710

■ 234.8050, -4.1250,
-7.8450

■ 115.0460, 50.5080,
97.9000

■ 243.0230, -7.9750,
-15.1670

■ 101.2460, 56.2370,
109.7170

■ 243.3220, -7.3790,
-14.9550

■ 92.4410, 60.3620,
117.5620

■ 243.6210, -6.7830,
-14.7430

Harmonies

Analogous

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



178.2280, -25.8640, 28.2160



181.6760, 20.0290, 39.0130



179.6890, 53.5450, 37.3290

Triad

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



181.6760, 20.0290, 39.0130



173.1880, 48.4200, -18.4920



140.5080, -122.8230, -37.3110

Complementary

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



181.6760, 20.0290, 39.0130



195.3240, -20.0290, -39.0130

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.



141.4610, -98.2460, -47.7020



181.6760, 20.0290, 39.0130



168.7600, 16.9700, -32.2300

Square

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



181.6760, 20.0290, 39.0130



175.6010, 67.0310, 2.1590



161.7300, -27.0440, -38.5320



141.5630, -132.6830, -23.8110

Rectangle

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



181.6760, 20.0290, 39.0130



176.6820, 63.4500, 28.5220



161.7300, -27.0440, -38.5320



139.4990, -118.6040, -42.1880

Sweetspot

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



181.6760, 20.0290, 39.0130



240.3250, 6.8750, 13.0750



160.1370, -24.3500, 22.8020



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.



181.6760, 20.0290, 39.0130



194.8270, 27.4540, 53.1340



177.8710, 32.1810, 28.0290



105.5430, 3.0250, 5.7530



72.0900, 47.2080, 91.6240



19.8240, 13.2000, 25.1040

Inverse Universe

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



173.5390, 44.3790, 16.2110



183.6120, 60.4710, 21.9350



199.1290, -32.1810, -28.0290



104.2890, 6.5560, 2.3320



52.8520, 104.2540, 37.9340



14.4660, 28.2870, 10.4870

Previews

White Background



This preview shows how the YIQ color 181.6760, 20.0290, 39.0130 looks on a white background.

Color Contrast Check

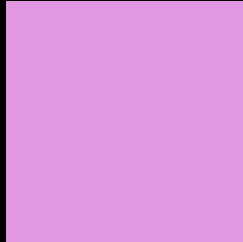
Large Text (above 18pt) WCAG AA × Fail

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 181.6760, 20.0290, 39.0130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

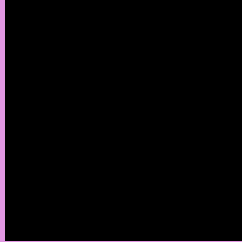
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.6760, 20.0290, 39.0130

Background



This preview shows how black text looks on a background with the YIQ color 181.6760, 20.0290, 39.0130.



This preview shows how white text looks on a background with the YIQ color 181.6760, 20.0290,

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

181.6760, 20.0290, 39.0130

Protanopia

176.4840, -32.8770, 17.6430

Deuteranopia

177.9880, -16.9210, 14.8150



Tritanopia

179.5250, 29.7990, 16.1270

Trichromacy



Original Color

181.6760, 20.0290, 39.0130



Protanomaly

178.5790, -13.8510, 25.2610



Deuteranomaly

179.3860, -3.1220, 23.5500



Tritanomaly

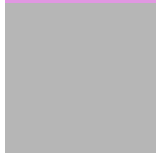
180.2400, 26.5880, 24.7640

Monochromacy



Original Color

181.6760, 20.0290, 39.0130



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

182.1510, 7.4250, 14.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.6760, 20.0290, 39.0130 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(225, 151, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 151, 226)  
}
```

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(225, 151, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 151, 226) }
```

Border

The CSS property to change the border of an element to YIQ 181.6760, 20.0290, 39.0130 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(225, 151, 226) }
```


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

```
.border{ border-color:rgb(225, 151, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 151, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 151, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 151, 226); box-shadow:4px 4px 4px 4px rgb(225, 151, 226) }
```

Background

The CSS property to change the background color of an element to YIQ 181.6760, 20.0290, 39.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 151, 226) }
```

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

```
.background{ background-color: rgb(225,  
151, 226) }
```

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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