

Converting Colors

YIQ(179.4590, 3.8020, 19.2100)

Have a look what the booklet for
YIQ(179.4590, 3.8020, 19.2100)
contains.

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Color

**YIQ(179.4590, 3.8020,
19.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A6D0
RGB	195, 166, 208
RGB Percent	76%, 65%, 82%
CMY	0.2352, 0.3490, 0.1843
CMYK	0.06, 0.20, 0.00, 0.18
HSL	281°, 31%, 73%
HSV	281°, 20%, 82%
XYZ	47.5306, 43.4272, 65.5488
YIQ	179.4590, 3.8020, 19.2100

Conversions

Conversions Part 2

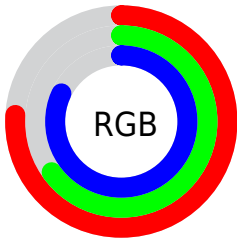
Format	Color
RYB	195, 166, 208
Decimal	12822224
CIELab	71.84, 18.23, -17.42
CIELCh	72, 25.216, 316.305
Yxy	43.4272, 0.3037, 0.2775
Android (android.graphics.Color)	4291012304 (0xFFC3A6D0)
YUV	179.4590, 14.0707, 13.6295
Hunter-Lab	65.8993, 13.4212, -12.8451

Details

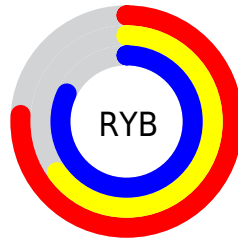
The YIQ color $179.4590, 3.8020, 19.2100$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $194.5410, -3.8020, -19.2100$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $234.1450, 7.5620, 17.1460$, and $126.6330, 3.2520, 18.1640$ is the 20% darker color. If you saturate the color by 10%, you get $165.3380, 6.0010, 28.9210$, and if you desaturate by 10%, it is $193.5800, 1.6030, 9.4990$.

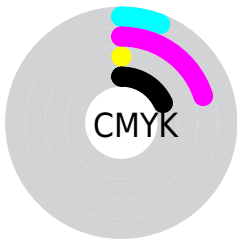
Distribution



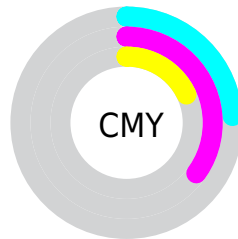
- Red (76%)
- Green (65%)
- Blue (82%)



- Red (76%)
- Yellow (65%)
- Blue (82%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.4590, 3.8020, 19.2100 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 179.4590, 3.8020, 19.2100 by changing the saturation by 10% instead.

■ 179.4590, 3.8020,
19.2100

■ 179.4590, 3.8020,
19.2100

■ 255.0000, -0.0000,
-0.0000

■ 152.9320, 3.8480,
18.3760

■ 234.1450, 7.5620,
17.1460

■ 126.6330, 3.2520,
18.1640

■ 252.0650, 1.3750,
2.6150

■ 101.2200, 2.9770,
17.6410

■ 77.2800, 2.7480,
16.2840

■ 53.8670, 2.4730,
15.7610

■ 32.3400, 2.5190,
14.9270

■ 11.3510, 3.9860,

15.8740

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 179.4590, 3.8020,
19.2100

■ 179.4590, 3.8020,
19.2100

■ 165.3380, 6.0010,
28.9210

■ 193.5800, 1.6030,
9.4990

■ 150.9180, 7.6040,
38.4200

■ 208.0000, -0.0000,
-0.0000

■ 137.3840, 9.5280,
47.6080

■ 221.5340, -1.9240,
-9.1880

■ 122.9640, 11.1310,
57.1070

■ 235.9540, -3.5270,
-18.6870

108.8430, 13.3300,
66.8180

241.2700, -1.6010,
-20.5530

94.4230, 14.9330,
76.3170

243.3630, 2.5710,
-19.0690

80.3020, 17.1320,
86.0280

245.1570, 6.1470,
-17.7970

66.7680, 19.0560,
95.2160

246.9510, 9.7230,
-16.5250

249.0440, 13.8950,
-15.0410

Harmonies

Analogous

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



176.5530, -20.1300, 12.3980



179.4590, 3.8020, 19.2100



179.6370, 23.7920, 20.3680

Triad

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



179.4590, 3.8020, 19.2100



176.1220, 31.5910, -5.3450



165.5640, -46.1670, -16.8470

Complementary

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



179.4590, 3.8020, 19.2100



194.5410, -3.8020, -19.2100

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.



167.6230, -27.4600, -19.9720



179.4590, 3.8020, 19.2100



173.9410, 15.6830, -14.4050

Square

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



179.4590, 3.8020, 19.2100



177.8660, 38.6040, 5.2280



171.0570, -5.3150, -19.3230



167.0830, -51.7620, -9.0580

Rectangle

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



179.4590, 3.8020, 19.2100



179.3190, 33.3750, 17.3990



171.0570, -5.3150, -19.3230



165.8480, -41.2150, -18.4870

Sweetspot

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



179.4590, 3.8020, 19.2100



244.7000, 1.1450, 6.7850



178.4190, -17.0570, 6.2630



121.8200, 0.6870, 4.0710



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.



179.4590, 3.8020, 19.2100



213.5120, 5.4510, 27.8750



182.4340, 14.1180, 19.4780



97.3470, 0.6410, 4.9050



53.8360, 15.2080, 76.8400



13.0460, 3.5270, 18.6870

Inverse Universe

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



180.0400, 20.8590, 12.9470



214.4050, 30.2570, 18.8410



191.5660, -14.1180, -19.4780



97.6310, 5.5930, 3.2650



56.1600, 83.4360, 51.7880



13.7410, 20.2630, 12.7350

Previews

White Background



This preview shows how the YIQ color 179.4590, 3.8020, 19.2100 looks on a white background.

Color Contrast Check

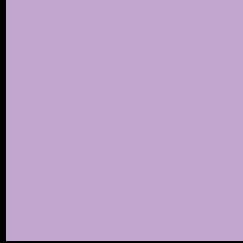
Large Text (above 18pt) WCAG AA × Fail

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 179.4590, 3.8020, 19.2100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

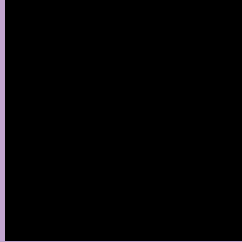
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.4590, 3.8020, 19.2100

Background



This preview shows how black text looks on a background with the YIQ color 179.4590, 3.8020, 19.2100.



This preview shows how white text looks on a background with the YIQ color 179.4590, 3.8020,

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

179.4590, 3.8020, 19.2100

Protanopia

177.3530, -16.6910, 10.6450

Deuteranopia

177.7840, -7.6590, 12.1570



Tritanopia

177.8750, 8.0220, 8.8060

Trichromacy



Original Color

179.4590, 3.8020, 19.2100

Protanomaly

178.3540, -9.2640, 13.7120

Deuteranomaly

178.4040, -3.5330, 14.4750

Tritanomaly

178.6130, 6.0040, 12.3400

Monochromacy



Original Color

179.4590, 3.8020, 19.2100

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.1130, 1.4200, 7.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.4590, 3.8020, 19.2100 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(195, 166, 208)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 208)  
}
```

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(195, 166, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 208) }
```

Border

The CSS property to change the border of an element to YIQ 179.4590, 3.8020, 19.2100 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(195, 166, 208) }
```


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

```
.border{ border-color:rgb(195, 166, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 166, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 166, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 166, 208);  
box-shadow:4px 4px 4px 4px rgb(195, 166,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 179.4590, 3.8020, 19.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 166, 208) }
```

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

```
.background{ background-color: rgb(195,  
166, 208) }
```

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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