

Converting Colors

YIQ(179.0030, 5.0860, 17.9660)

Have a look what the booklet for
YIQ(179.0030, 5.0860, 17.9660)
contains.

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Color

**YIQ(179.0030, 5.0860,
17.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A6CC
RGB	195, 166, 204
RGB Percent	76%, 65%, 80%
CMY	0.2352, 0.3490, 0.2000
CMYK	0.04, 0.19, 0.00, 0.20
HSL	286°, 27%, 73%
HSV	286°, 19%, 80%
XYZ	47.0446, 43.2328, 62.9905
YIQ	179.0030, 5.0860, 17.9660

Conversions

Conversions Part 2

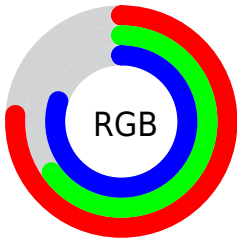
Format	Color
R_{YB}	195, 166, 204
Decimal	12822220
CIE _{Lab}	71.71, 17.44, -15.42
CIE _{LCh}	72, 23.280, 318.519
Yxy	43.2328, 0.3069, 0.2821
Android (android.graphics.Color)	4291012300 (0xFFC3A6CC)
YUV	179.0030, 12.3235, 14.0294
Hunter-Lab	65.7517, 12.6494, -10.7740

Details

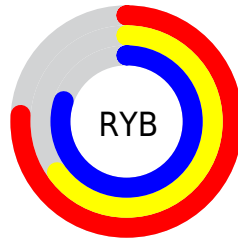
The YIQ color **179.0030, 5.0860, 17.9660** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **190.9970, -5.0860, -17.9660**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.1450, 7.5620, 17.1460**, and **126.1770, 4.5360, 16.9200** is the 20% darker color. If you saturate the color by 10%, you get **165.7680, 7.6060, 27.3660**, and if you desaturate by 10%, it is **192.2380, 2.5660, 8.5660**.

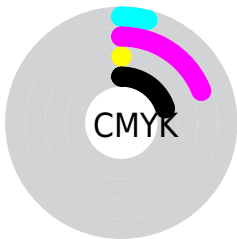
Distribution



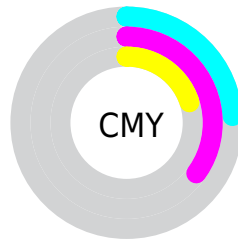
- Red (76%)
- Green (65%)
- Blue (80%)



- Red (76%)
- Yellow (65%)
- Blue (80%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (20%)




- Cyan (24%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.0030, 5.0860, 17.9660 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 179.0030, 5.0860, 17.9660 by changing the saturation by 10% instead.


 179.0030, 5.0860,
17.9660


 179.0030, 5.0860,
17.9660

255.0000, -0.0000,
-0.0000


 152.5900, 4.8110,
17.4430

 234.1450, 7.5620,
17.1460


 126.1770, 4.5360,
16.9200

 252.0650, 1.3750,
2.6150

 100.7640, 4.2610,
16.3970

 76.9380, 3.7110,
15.3510

 53.8240, 4.0320,
15.0400

 31.9980, 3.4820,
13.9940

 11.3080, 5.5450,

15.1530

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 179.0030, 5.0860,
17.9660

■ 179.0030, 5.0860,
17.9660

■ 165.7680, 7.6060,
27.3660

■ 192.2380, 2.5660,
8.5660

■ 151.9460, 10.4010,
37.2890

■ 206.0600, -0.2290,
-1.3570

■ 139.0100, 13.5170,
46.9010

■ 218.9960, -3.3450,
-10.9690

■ 125.1880, 16.3120,
56.8240

■ 232.8180, -6.1400,
-20.8920

■ 111.9530, 18.8320,
66.2240

■ 238.4220, -5.0850,
-23.4930

■ 98.7180, 21.3520,
75.6240

■ 239.9170, -2.1050,
-22.4330

■ 84.8960, 24.1470,
85.5470

■ 241.4120, 0.8750,
-21.3730

■ 71.6610, 26.6670,
94.9470

■ 242.9070, 3.8550,
-20.3130

■ 69.9000, 27.4920,
96.5160

■ 244.1030, 6.2390,
-19.4650

Harmonies

Analogous

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



176.4070, -16.7830, 12.3130



179.0030, 5.0860, 17.9660



179.2840, 23.2880, 18.4880

Triad

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



179.0030, 5.0860, 17.9660



175.7410, 28.2900, -6.0940



166.7710, -42.3160, -15.0520

Complementary

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



179.0030, 5.0860, 17.9660



190.9970, -5.0860, -17.9660

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.



167.9760, -26.9560, -18.0920



179.0030, 5.0860, 17.9660



173.0980, 13.8030, -13.3730

Square

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



179.0030, 5.0860, 17.9660



177.3710, 35.6240, 4.1680



170.8120, -6.0030, -17.8670



167.7740, -46.3980, -7.1500

Rectangle

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



179.0030, 5.0860, 17.9660



178.7810, 31.9540, 15.6180



170.8120, -6.0030, -17.8670



166.8700, -38.2810, -16.5930

Sweetspot

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



179.0030, 5.0860, 17.9660



244.9990, 1.7410, 6.9970



175.6150, -14.6730, 7.1110



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.



179.0030, 5.0860, 17.9660



218.2410, 7.6520, 26.5320



180.5540, 13.6600, 16.7640



95.5320, 1.5580, 4.8060



56.8970, 22.4060, 78.5500



13.0030, 5.0860, 17.9660

Inverse Universe

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



178.3880, 19.7590, 10.8550



217.2260, 29.2030, 15.9150



189.3320, -13.3390, -17.0750



95.2180, 5.3180, 2.7420



54.0800, 86.4170, 47.3210



12.3880, 19.7590, 10.8550

Previews

White Background



This preview shows how the YIQ color 179.0030, 5.0860, 17.9660 looks on a white background.

Color Contrast Check

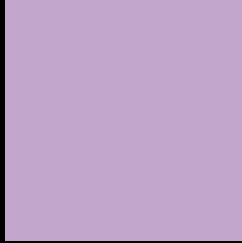
Large Text (above 18pt) WCAG AA × Fail

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 179.0030, 5.0860, 17.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

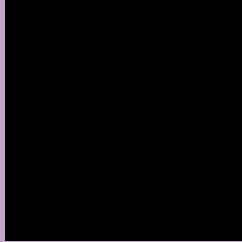
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.0030, 5.0860, 17.9660

Background



This preview shows how black text looks on a background with the YIQ color 179.0030, 5.0860, 17.9660.



This preview shows how white text looks on a background with the YIQ color 179.0030, 5.0860,

17.9660.

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

179.0030, 5.0860, 17.9660

Protanopia

176.6090, -14.5360, 10.1360

Deuteranopia

177.3390, -4.9080, 11.8600



Tritanopia

178.0600, 8.9390, 8.7070

Trichromacy



Original Color

179.0030, 5.0860, 17.9660

Protanomaly

177.3110, -7.7050, 12.9910

Deuteranomaly

177.6600, -1.3780, 13.9660

Tritanomaly

178.6840, 7.2420, 11.9300

Monochromacy



Original Color

179.0030, 5.0860, 17.9660

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.8850, 2.0620, 6.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.0030, 5.0860, 17.9660 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 204) }
```

Border

The CSS property to change the border of an element to YIQ 179.0030, 5.0860, 17.9660 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, 204) }
```


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

```
.border{ border-color:rgb(195, 166, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 166, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 166, 204);  
box-shadow:4px 4px 4px 4px rgb(195, 166,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 179.0030, 5.0860, 17.9660 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, 204) }
```

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

```
.background{ background-color: rgb(195,  
166, 204) }
```

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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