

Converting Colors

YIQ(199.0030, 5.0860, 17.9660)

Have a look what the booklet for
YIQ(199.0030, 5.0860, 17.9660)
contains.

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Color

**YIQ(199.0030, 5.0860,
17.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BAE0
RGB	215, 186, 224
RGB Percent	84%, 73%, 88%
CMY	0.1568, 0.2706, 0.1216
CMYK	0.04, 0.17, 0.00, 0.12
HSL	286°, 38%, 80%
HSV	286°, 17%, 88%
XYZ	59.0419, 54.9451, 78.0129
YIQ	199.0030, 5.0860, 17.9660

Conversions

Conversions Part 2

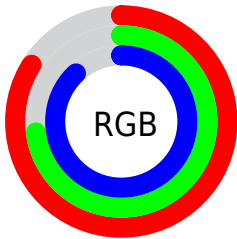
Format	Color
R _Y B	215, 186, 224
Decimal	14138080
CIE Lab	79.01, 17.10, -15.15
CIE LCh	79, 22.847, 318.450
Yxy	54.9451, 0.3075, 0.2862
Android (android.graphics.Color)	4292328160 (0xFFD7BAE0)
YUV	199.0030, 12.3235, 14.0294
Hunter-Lab	74.1249, 12.4599, -10.5124

Details

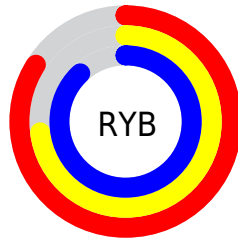
The YIQ color $199.0030, 5.0860, 17.9660$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $210.9970, -5.0860, -17.9660$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3690, 3.5750, 6.7990$, and $145.1770, 4.5360, 16.9200$ is the 20% darker color. If you saturate the color by 10%, you get $184.5940, 8.1560, 28.4120$, and if you desaturate by 10%, it is $213.4120, 2.0160, 7.5200$.

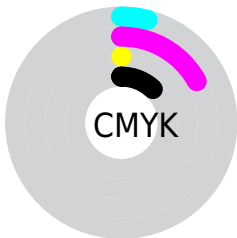
Distribution



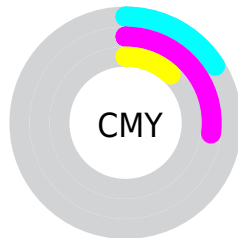
- Red (84%)
- Green (73%)
- Blue (88%)



- Red (84%)
- Yellow (73%)
- Blue (88%)



- Cyan (4%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)




- Cyan (16%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.0030, 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 199.0030, 5.0860, 17.9660 by changing the saturation by 10% instead.


 199.0030, 5.0860,
17.9660


 199.0030, 5.0860,
17.9660


255.0000, -0.0000,
-0.0000

 171.5900, 4.8110,
17.4430


 247.3690, 3.5750,
6.7990

 145.1770, 4.5360,
16.9200

 119.0630, 4.8570,
16.6090

 94.3510, 3.9860,
15.8740

 70.8240, 4.0320,
15.0400

 47.9980, 3.4820,
13.9940

 26.5850, 3.2070,

13.4710

■ 8.0470, 1.7860,
11.6900

■ 0.0000, 0.0000,
0.0000

■ 199.0030, 5.0860,
17.9660

■ 199.0030, 5.0860,
17.9660

■ 184.5940, 8.1560,
28.4120

■ 213.4120, 2.0160,
7.5200

■ 169.2990, 10.9050,
39.1690

■ 228.7070, -0.7330,
-3.2370

■ 154.8900, 13.9750,
49.6150

■ 243.1160, -3.8030,
-13.6830

■ 139.8940, 17.3200,
60.5840

■ 245.7850, -1.3730,
-13.6690

■ 125.4850, 20.3900,
71.0300

■ 247.2800, 1.6070,
-12.6090

■ 110.7770, 22.8640,
81.2640

■ 249.0740, 5.1830,
-11.3370

■ 95.7810, 26.2090,
92.2330

■ 250.5690, 8.1630,
-10.2770

■ 81.3720, 29.2790,
102.6790

■ 251.4660, 9.9510,
-9.6410

■ 76.6650, 30.0120,
105.9160

Harmonies

Analogous

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



196.7060, -16.1870, 12.5250



199.0030, 5.0860, 17.9660



199.2840, 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.



199.0030, 5.0860, 17.9660



195.4530, 29.1610, -5.3590



187.0700, -41.7200, -14.8400

Complementary

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



199.0030, 5.0860, 17.9660



210.9970, -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.



187.8620, -26.6350, -18.4030



199.0030, 5.0860, 17.9660



193.0980, 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.



199.0030, 5.0860, 17.9660



197.6700, 36.2200, 4.3800



190.8120, -6.0030, -17.8670



188.3720, -45.2060, -6.7260

Rectangle

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



199.0030, 5.0860, 17.9660



199.3680, 31.6790, 15.0950



190.8120, -6.0030, -17.8670



187.1690, -37.6850, -16.3810

Sweetspot

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



199.0030, 5.0860, 17.9660



246.4720, 1.7870, 6.1630



195.6150, -14.6730, 7.1110



122.7060, 1.0080, 3.7600



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.



199.0030, 5.0860, 17.9660



221.4750, 6.8730, 24.1290



200.5540, 13.6600, 16.7640



104.9450, 1.8330, 5.3290



60.1300, 23.3680, 83.1440



16.5350, 6.6440, 22.7720

Inverse Universe

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



198.3880, 19.7590, 10.8550



220.6170, 26.5440, 14.5440



209.3320, -13.3390, -17.0750



104.6310, 5.5930, 3.2650



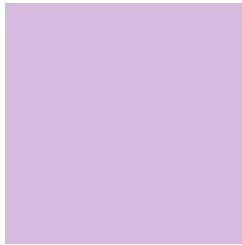
57.4120, 91.4140, 50.3740



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 199.0030, 5.0860, 17.9660 looks on a white background.

Color Contrast Check

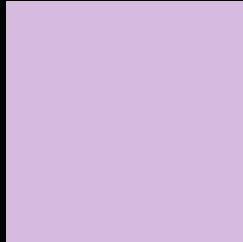
Large Text (above 18pt) WCAG AA × Fail

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 199.0030, 5.0860, 17.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

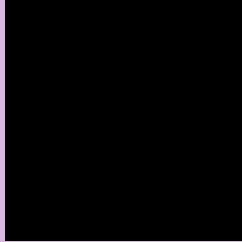
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.0030, 5.0860, 17.9660

Background



This preview shows how black text looks on a background with the YIQ color 199.0030, 5.0860, 17.9660.



This preview shows how white text looks on a background with the YIQ color 199.0030, 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

199.0030, 5.0860, 17.9660

Protanopia

196.4950, -14.2150, 9.8250

Deuteranopia

197.9370, -3.7160, 12.2840



Tritanopia

197.5870, 8.8930, 9.5410

Trichromacy



Original Color

199.0030, 5.0860, 17.9660

Protanomaly

197.1970, -7.3840, 12.6800

Deuteranomaly

198.2580, -0.1860, 14.3900

Tritanomaly

198.0970, 7.5170, 12.4530

Monochromacy



Original Color

199.0030, 5.0860, 17.9660

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.8850, 2.0620, 6.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.0030, 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(215, 186, 224)` looks like.

```
.text, #text, p{  
    color:rgb(215, 186, 224)  
}
```

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(215, 186, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 186, 224) }
```

Border

The CSS property to change the border of an element to YIQ 199.0030, 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(215, 186, 224) }
```


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

```
.border{ border-color:rgb(215, 186, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 186, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 186, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 186, 224);  
box-shadow:4px 4px 4px 4px rgb(215, 186,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 199.0030, 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(215, 186, 224) }
```

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

```
.background{ background-color: rgb(215,  
186, 224) }
```

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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