

Converting Colors

YIQ(189.5410, 6.5070, 19.7470)

Have a look what the booklet for
YIQ(189.5410, 6.5070, 19.7470)
contains.

YIQ(189.5410, 6.5070, 19.7470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(189.5410, 6.5070,
19.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	D0AFD8
RGB	208, 175, 216
RGB Percent	82%, 69%, 85%
CMY	0.1842, 0.3138, 0.1529
CMYK	0.04, 0.19, 0.00, 0.15
HSL	288°, 34%, 77%
HSV	288°, 19%, 85%
XYZ	53.7417, 49.0261, 71.5952
YIQ	189.5410, 6.5070, 19.7470

Conversions

Conversions Part 2

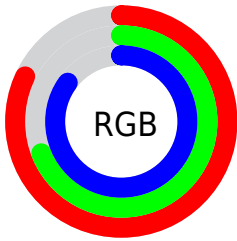
Format	Color
R _{YB}	208, 175, 216
Decimal	13676504
CIE _{Lab}	75.47, 19.20, -16.21
CIE _{LCh}	75, 25.128, 319.818
Yxy	49.0261, 0.3082, 0.2812
Android (android.graphics.Color)	4291866584 (0xFFD0AFD8)
YUV	189.5410, 13.0443, 16.1885
Hunter-Lab	70.0187, 14.4721, -11.6119

Details

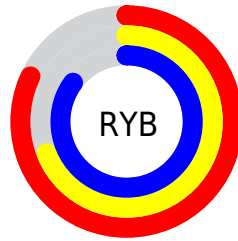
The YIQ color **189.5410, 6.5070, 19.7470** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **201.4590, -6.5070, -19.7470**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.9120, 6.6000, 12.5520**, and **135.7150, 5.9570, 18.7010** is the 20% darker color. If you saturate the color by 10%, you get **175.4310, 10.1730, 30.4050**, and if you desaturate by 10%, it is **203.6510, 2.8410, 9.0890**.

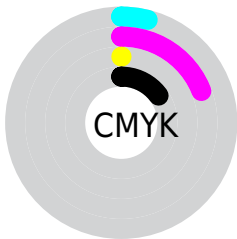
Distribution



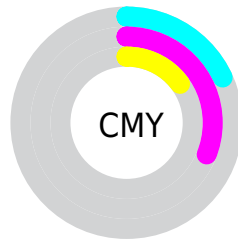
- Red (82%)
- Green (69%)
- Blue (85%)



- Red (82%)
- Yellow (69%)
- Blue (85%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.5410, 6.5070, 19.7470 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 189.5410, 6.5070, 19.7470 by changing the saturation by 10% instead.

■ 189.5410, 6.5070,
19.7470

■ 189.5410, 6.5070,
19.7470

255.0000, -0.0000,
-0.0000

■ 162.1280, 6.2320,
19.2240

■ 240.9120, 6.6000,
12.5520

■ 135.7150, 5.9570,
18.7010

■ 110.3020, 5.6820,
18.1780

■ 85.7750, 5.7280,
17.3440

■ 62.0630, 4.8570,
16.6090

■ 40.2370, 4.3070,
15.5630

■ 17.9490, 5.1780,

16.2980

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 189.5410, 6.5070,
19.7470

■ 189.5410, 6.5070,
19.7470

■ 175.4310, 10.1730,
30.4050

■ 203.6510, 2.8410,
9.0890

■ 161.9080, 13.5640,
40.5400

■ 217.1740, -0.5500,
-1.0460

■ 147.4990, 16.6340,
50.9860

■ 231.5830, -3.6200,
-11.4920

■ 133.9760, 20.0250,
61.1210

■ 241.5840, -5.3610,
-18.4890

■ 119.8660, 23.6910,
71.7790

■ 242.7800, -2.9770,
-17.6410

■ 105.7560, 27.3570,
82.4370

■ 243.9760, -0.5930,
-16.7930

■ 92.2330, 30.7480,
92.5720

■ 245.1720, 1.7910,
-15.9450

■ 77.8240, 33.8180,
103.0180

■ 246.6670, 4.7710,
-14.8850

■ 76.6500, 34.3680,
104.0640

■ 247.8630, 7.1550,
-14.0370

Harmonies

Analogous

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



187.0480, -17.1500, 13.4580



189.5410, 6.5070, 19.7470



189.8930, 25.9470, 19.8590

Triad

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



189.5410, 6.5070, 19.7470



185.9970, 30.4450, -6.6030



175.6070, -47.7260, -16.1260

Complementary

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



189.5410, 6.5070, 19.7470



201.4590, -6.5070, -19.7470

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.



177.6550, -30.4860, -20.1980



189.5410, 6.5070, 19.7470



183.0440, 13.8950, -15.0410

Square

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



189.5410, 6.5070, 19.7470



187.2250, 38.9710, 4.0830



180.2740, -7.4240, -19.6480



177.2080, -50.6160, -7.8000

Rectangle

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



189.5410, 6.5070, 19.7470



189.2760, 34.9340, 16.6780



180.2740, -7.4240, -19.6480



175.8910, -42.7740, -17.7660

Sweetspot

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



189.5410, 6.5070, 19.7470



245.2980, 2.3370, 7.2090



184.3700, -15.3610, 8.5670



122.1190, 1.2830, 4.2830



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.



189.5410, 6.5070, 19.7470



217.0780, 9.6690, 28.5250



190.5650, 15.1270, 17.7110



99.9450, 1.8330, 5.3290



60.7560, 27.3570, 82.4370



15.3670, 7.0570, 20.7930

Inverse Universe

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



188.1710, 21.8680, 11.1800



215.0090, 31.3120, 16.2400



200.4350, -15.1270, -17.7110



99.5170, 5.9140, 2.9540



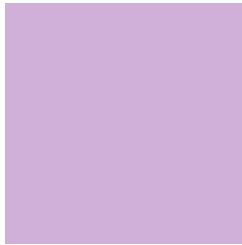
54.8910, 91.3230, 46.5150



13.7690, 23.0600, 11.6040

Previews

White Background



This preview shows how the YIQ color 189.5410, 6.5070, 19.7470 looks on a white background.

Color Contrast Check

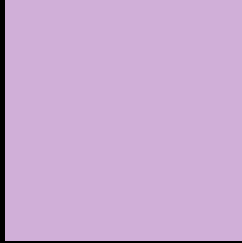
Large Text (above 18pt) WCAG AA × Fail

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 189.5410, 6.5070, 19.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

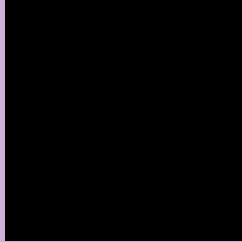
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.5410, 6.5070, 19.7470

Background



This preview shows how black text looks on a background with the YIQ color 189.5410, 6.5070, 19.7470.



This preview shows how white text looks on a background with the YIQ color 189.5410, 6.5070,

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

189.5410, 6.5070, 19.7470

Protanopia

186.5380, -15.7740, 10.5460

Deuteranopia

187.5670, -5.5500, 12.4820



Tritanopia

188.3700, 11.0020, 9.8660

Trichromacy



Original Color

189.5410, 6.5070, 19.7470

Protanomaly

187.8380, -7.7510, 13.8250

Deuteranomaly

188.4860, -0.8280, 15.0120

Tritanomaly

188.9940, 9.3050, 13.0890

Monochromacy



Original Color

189.5410, 6.5070, 19.7470

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.1840, 2.6580, 6.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.5410, 6.5070, 19.7470 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(208, 175, 216)` looks like.

```
.text, #text, p{  
    color:rgb(208, 175, 216)  
}
```

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(208, 175, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 175, 216) }
```

Border

The CSS property to change the border of an element to YIQ 189.5410, 6.5070, 19.7470 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(208, 175, 216) }
```


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

```
.border{ border-color:rgb(208, 175, 216) }
```

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

Here you see how a box with a 4 pixel rgb(208, 175, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 175, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 175, 216);  
box-shadow:4px 4px 4px 4px rgb(208, 175,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 189.5410, 6.5070, 19.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 175, 216) }
```

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

```
.background{ background-color: rgb(208,  
175, 216) }
```

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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