

Converting Colors

YIQ(188.2410, -1.5160, 16.4680)

Have a look what the booklet for
YIQ(188.2410, -1.5160, 16.4680)
contains.

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Color

**YIQ(188.2410, -1.5160,
16.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B2DA
RGB	197, 178, 218
RGB Percent	77%, 70%, 85%
CMY	0.2274, 0.3020, 0.1451
CMYK	0.10, 0.18, 0.00, 0.15
HSL	269°, 35%, 78%
HSV	269°, 18%, 85%
XYZ	51.6031, 48.7718, 73.0173
YIQ	188.2410, -1.5160, 16.4680

Conversions

Conversions Part 2

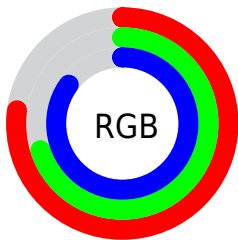
Format	Color
R_{YB}	197, 178, 218
Decimal	12956378
CIE _{Lab}	75.31, 14.32, -17.63
CIE _{LCh}	75, 22.714, 309.089
Yxy	48.7718, 0.2976, 0.2813
Android (android.graphics.Color)	4291146458 (0xFFC5B2DA)
YUV	188.2410, 14.6712, 7.6816
Hunter-Lab	69.8368, 9.6809, -13.1044

Details

The YIQ color $188.2410, -1.5160, 16.4680$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $207.7590, 1.5160, -16.4680$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.3740, 5.1790, 10.7710$, and $134.7140, -1.4700, 15.6340$ is the 20% darker color. If you saturate the color by 10%, you get $172.0380, -2.0220, 25.6420$, and if you desaturate by 10%, it is $204.4440, -1.0100, 7.2940$.

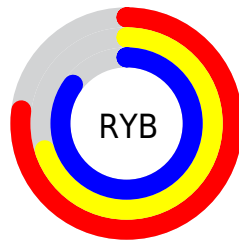
Distribution



Red (77%)

Green (70%)

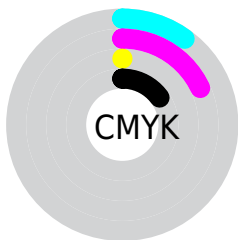
Blue (85%)



Red (77%)

Yellow (70%)

Blue (85%)

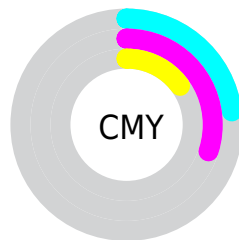


Cyan (10%)

Magenta (18%)

Yellow (0%)

Black (15%)



Cyan (23%)

Magenta (30%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.2410, -1.5160, 16.4680 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 188.2410, -1.5160, 16.4680 by changing the saturation by 10% instead.

■ 188.2410, -1.5160,
16.4680

■ 188.2410, -1.5160,
16.4680

255.0000, -0.0000,
-0.0000

■ 161.1270, -1.1950,
16.1570

■ 242.3740, 5.1790,
10.7710

■ 134.7140, -1.4700,
15.6340

■ 109.3010, -1.7450,
15.1110

■ 84.7740, -1.6990,
14.2770

■ 61.3610, -1.9740,
13.7540

■ 39.7200, -1.6070,
12.6090

■ 18.0190, -1.0110,

12.8210

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 188.2410, -1.5160,
16.4680

■ 188.2410, -1.5160,
16.4680

■ 172.0380, -2.0220,
25.6420

■ 204.4440, -1.0100,
7.2940

■ 155.5360, -3.1240,
34.6040

■ 220.9460, 0.0920,
-1.6680

■ 139.9200, -3.9050,
43.2550

■ 236.5620, 0.8730,
-10.3190

■ 123.4180, -5.0070,
52.2170

■ 247.1940, 4.7250,
-14.0510

■ 107.2150, -5.5130,
61.3910

■ 250.4830, 11.2810,
-11.7190

■ 90.7130, -6.6150,
70.3530

■ 250.7820, 11.8770,
-11.5070

■ 74.5100, -7.1210,
79.5270

■ 58.8940, -7.9020,
88.1780

■ 55.9480, -7.9940,
89.8460

Harmonies

Analogous

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



184.8900, -22.6970, 9.3590



188.2410, -1.5160, 16.4680



189.0600, 18.1070, 18.7710

Triad

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



188.2410, -1.5160, 16.4680



185.8170, 31.1320, -2.5320



177.1690, -37.6850, -16.3810

Complementary

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



188.2410, -1.5160, 16.4680



207.7590, 1.5160, -16.4680

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.



178.6840, -20.2620, -18.2620



188.2410, -1.5160, 16.4680



183.9030, 18.8460, -11.1540

Square

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



188.2410, -1.5160, 16.4680



187.6640, 36.3570, 7.4050



181.2750, 0.0030, -16.5810



177.3780, -45.3430, -9.7510

Rectangle

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



188.2410, -1.5160, 16.4680



189.2690, 27.6440, 16.6360



181.2750, 0.0030, -16.5810



176.9800, -32.7790, -17.1870

Sweetspot

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



188.2410, -1.5160, 16.4680



243.8030, -0.6430, 6.1490



194.8870, -18.6150, 1.4570



121.2220, -0.5050, 3.6470



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.



188.2410, -1.5160, 16.4680



213.4570, -1.8840, 23.1400



194.2210, 10.4040, 20.7080



101.7490, -0.5510, 4.4810



44.2400, -6.6610, 71.1870



11.8220, -1.6540, 18.9700

Inverse Universe

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



192.3540, 17.0990, 15.0110



219.0500, 24.0670, 20.8910



201.7790, -10.4040, -20.7080



102.8590, 4.9510, 3.8870



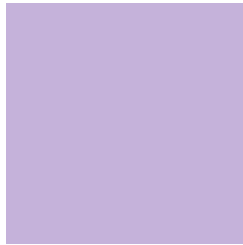
62.1010, 73.8970, 64.9770



16.4900, 19.7120, 17.2160

Previews

White Background



This preview shows how the YIQ color 188.2410, -1.5160, 16.4680 looks on a white background.

Color Contrast Check

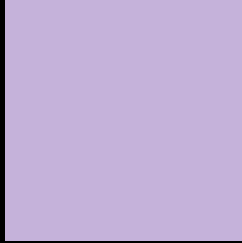
Large Text (above 18pt) WCAG AA × Fail

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 188.2410, -1.5160, 16.4680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

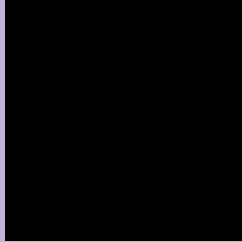
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.2410, -1.5160, 16.4680

Background



This preview shows how black text looks on a background with the YIQ color 188.2410, -1.5160, 16.4680.



This preview shows how white text looks on a background with the YIQ color 188.2410, -1.5160,

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

188.2410, -1.5160, 16.4680

Protanopia

186.5380, -15.7740, 10.5460

Deuteranopia

187.1970, -7.3840, 12.6800



Tritanopia

187.1840, 2.6580, 6.8980

Trichromacy



Original Color

188.2410, -1.5160, 16.4680

Protanomaly

187.3430, -10.7310, 12.7650

Deuteranomaly

187.5070, -5.3210, 13.8390

Tritanomaly

187.8080, 0.9610, 10.1210

Monochromacy



Original Color

188.2410, -1.5160, 16.4680

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8030, -0.6430, 6.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.2410, -1.5160, 16.4680 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(197, 178, 218)` looks like.

```
.text, #text, p{  
    color:rgb(197, 178, 218)  
}
```

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(197, 178, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 178, 218) }
```

Border

The CSS property to change the border of an element to YIQ 188.2410, -1.5160, 16.4680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

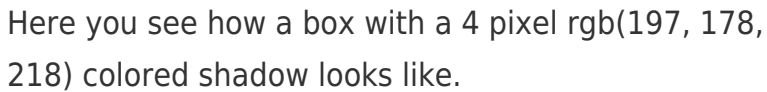
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 178, 218) }
```


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

```
.border{ border-color:rgb(197, 178, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 178, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 178, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 178, 218);  
box-shadow:4px 4px 4px 4px rgb(197, 178,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 188.2410, -1.5160, 16.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 178, 218) }
```

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

```
.background{ background-color: rgb(197,  
178, 218) }
```

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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