

Converting Colors

YIQ(153.9460, 18.4280, 18.4600)

Have a look what the booklet for
YIQ(153.9460, 18.4280, 18.4600)
contains.

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Color

**YIQ(153.9460, 18.4280,
18.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	B789A5
RGB	183, 137, 165
RGB Percent	72%, 54%, 65%
CMY	0.2822, 0.4628, 0.3529
CMYK	0.00, 0.25, 0.10, 0.28
HSL	323°, 24%, 63%
HSV	323°, 25%, 72%
XYZ	35.2718, 30.6742, 39.6653
YIQ	153.9460, 18.4280, 18.4600

Conversions

Conversions Part 2

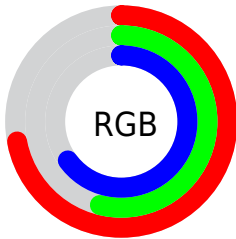
Format	Color
RYB	183, 137, 165
Decimal	12028325
CIELab	62.23, 22.10, -7.96
CIElCh	62, 23.491, 340.201
Yxy	30.6742, 0.3340, 0.2904
Android (android.graphics.Color)	4290218405 (0xFFB789A5)
YUV	153.9460, 5.4496, 25.4804
Hunter-Lab	55.3843, 16.7562, -3.6935

Details

The YIQ color **153.9460, 18.4280, 18.4600** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **166.0540, -18.4280, -18.4600**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.6580, 19.2990, 19.1950**, and **102.5220, 16.6860, 16.9900** is the 20% darker color. If you saturate the color by 10%, you get **142.5820, 25.6250, 25.6970**, and if you desaturate by 10%, it is **165.3100, 11.2310, 11.2230**.

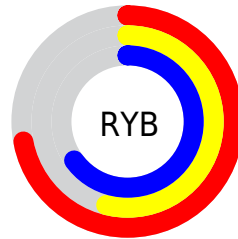
Distribution



Red (72%)

Green (54%)

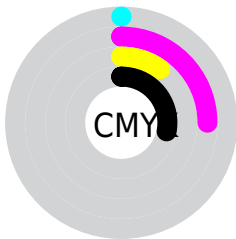
Blue (65%)



Red (72%)

Yellow (54%)

Blue (65%)

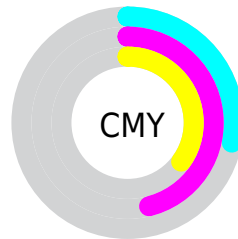


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (28%)



Cyan (28%)


Magenta (46%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.9460, 18.4280, 18.4600 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 153.9460, 18.4280, 18.4600 by changing the saturation by 10% instead.


 153.9460, 18.4280,
18.4600


 153.9460, 18.4280,
18.4600


255.0000, -0.0000,
-0.0000

 127.6470, 17.8320,
18.2480


 208.6580, 19.2990,
19.1950


 102.5220, 16.6860,
16.9900


 233.1840, 11.8260,
16.9620

 78.2230, 16.0900,
16.7780

 250.3040, 2.2000,
4.1840

 54.5110, 15.2190,
16.0430

 31.9130, 14.0270,
15.6190

 13.0870, 13.4770,
14.5730

 0.0000, 0.0000,

0.0000

153.9460, 18.4280,
18.4600

153.9460, 18.4280,
18.4600

142.5820, 25.6250,
25.6970

165.3100, 11.2310,
11.2230

130.6310, 33.0970,
33.4570

177.2610, 3.7590,
3.4630

119.2670, 40.2940,
40.6940

188.7390, -3.7590,
-3.4630

107.7890, 47.8120,
47.6200

200.1030,
-10.9560, -10.7000

95.8380, 55.2840,
55.3800

212.0540,
-18.4280, -18.4600

84.4740, 62.4810,
62.6170

223.4180,
-25.6250, -25.6970

■ 73.1100, 69.6780,
69.8540

■ 228.9120,
-30.0720, -27.7040

■ 67.3710, 73.4370,
73.3170

■ 229.7100,
-32.3190, -25.5270

■ 230.5080,
-34.5660, -23.3500

Harmonies

Analogous

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



153.4260, -0.5990, 16.3690



153.9460, 18.4280, 18.4600



153.0690, 31.0830, 14.8830

Triad

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



153.9460, 18.4280, 18.4600



148.3050, 17.6540, -11.5780



141.5950, -47.4520, -10.0760

Complementary

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



153.9460, 18.4280, 18.4600



166.0540, -18.4280, -18.4600

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.



140.7990, -39.5190, -16.1830



153.9460, 18.4280, 18.4600



145.9760, -0.5930, -16.7930

Square

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



153.9460, 18.4280, 18.4600



150.5180, 30.5360, -2.7440



143.4990, -21.1790, -18.1630



144.8120, -40.3930, -0.3370

Rectangle

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



153.9460, 18.4280, 18.4600



152.6470, 35.0270, 9.4830



143.4990, -21.1790, -18.1630



140.3130, -46.7180, -12.3660

Sweetspot

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



153.9460, 18.4280, 18.4600



225.0490, 7.4720, 7.7600



147.6260, -4.0380, 18.1220



112.3860, 4.9050, 4.7210



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



153.9460, 18.4280, 18.4600



192.1310, 28.5130, 28.4250



151.3240, 25.8110, 11.3070



86.2610, 3.7590, 3.4630



57.4740, 62.4810, 62.6170



10.3100, 11.2310, 11.2230

Inverse Universe

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



153.9460, 18.4280, 18.4600



192.1310, 28.5130, 28.4250



168.6760, -25.8110, -11.3070



86.2610, 3.7590, 3.4630



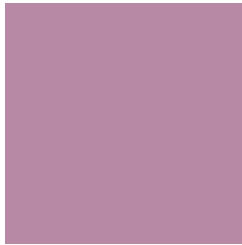
57.4740, 62.4810, 62.6170



10.3100, 11.2310, 11.2230

Previews

White Background



This preview shows how the YIQ color 153.9460, 18.4280, 18.4600 looks on a white background.

Color Contrast Check

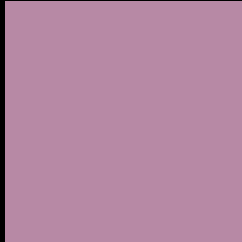
Large Text (above 18pt) WCAG AA × Fail

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 153.9460, 18.4280, 18.4600 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 153.9460, 18.4280, 18.4600

Background



This preview shows how black text looks on a background with the YIQ color 153.9460, 18.4280, 18.4600.



This preview shows how white text looks on a background with the YIQ color 153.9460, 18.4280,

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

153.9460, 18.4280, 18.4600

Protanopia

151.7250, -9.1710, 6.5170

Deuteranopia

152.1240, 2.8870, 8.2550



Tritanopia

153.3990, 21.2260, 11.8020

Trichromacy



Original Color

153.9460, 18.4280, 18.4600

Protanomaly

152.3350, 0.9150, 10.9550

Deuteranomaly

152.8690, 8.1590, 11.8310

Tritanomaly

153.6810, 20.4920, 14.0920

Monochromacy



Original Color

153.9460, 18.4280, 18.4600

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.2230, 6.9220, 6.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.9460, 18.4280, 18.4600 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(183, 137, 165)` looks like.

```
.text, #text, p{  
    color:rgb(183, 137, 165)  
}
```

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(183, 137, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 137, 165) }
```

Border

The CSS property to change the border of an element to YIQ 153.9460, 18.4280, 18.4600 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(183, 137, 165) }
```


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

```
.border{ border-color:rgb(183, 137, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 137, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 137, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 137, 165);  
box-shadow:4px 4px 4px 4px rgb(183, 137,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 153.9460, 18.4280, 18.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 137, 165) }
```

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

```
.background{ background-color: rgb(183,  
137, 165) }
```

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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