

Converting Colors

YIQ(158.0520, 29.7530, 16.9610)

Have a look what the booklet for
YIQ(158.0520, 29.7530, 16.9610)
contains.

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Color

**YIQ(158.0520, 29.7530,
16.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	C58B9A
RGB	197, 139, 154
RGB Percent	77%, 55%, 60%
CMY	0.2273, 0.4550, 0.3960
CMYK	0.00, 0.29, 0.22, 0.23
HSL	344°, 33%, 66%
HSV	344°, 29%, 77%
XYZ	38.0999, 32.6676, 34.8811
YIQ	158.0520, 29.7530, 16.9610

Conversions

Conversions Part 2

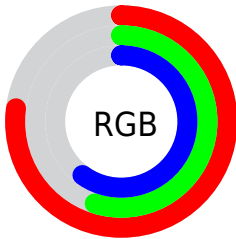
Format	Color
R_{YB}	197, 139, 154
Decimal	12946330
CIE _{Lab}	63.89, 24.31, 0.89
CIE _{LCh}	64, 24.324, 2.107
Yxy	32.6676, 0.3606, 0.3092
Android (android.graphics.Color)	4291136410 (0xFFC58B9A)
YUV	158.0520, -1.9976, 34.1574
Hunter-Lab	57.1556, 18.9659, 3.8252

Details

The YIQ color **158.0520, 29.7530, 16.9610** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **177.9480, -29.7530, -16.9610**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2480, 32.1370, 17.8090**, and **105.8560, 27.3690, 16.1130** is the 20% darker color. If you saturate the color by 10%, you get **144.6020, 40.0680, 22.7560**, and if you desaturate by 10%, it is **171.5020, 19.4380, 11.1660**.

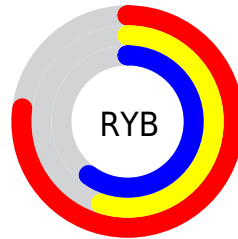
Distribution



Red (77%)

Green (55%)

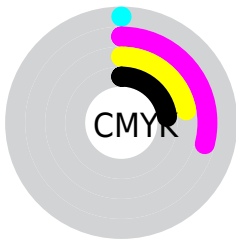
Blue (60%)



Red (77%)

Yellow (55%)

Blue (60%)

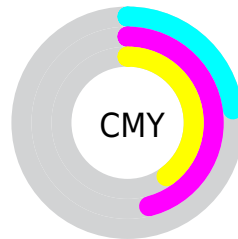


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (23%)



Cyan (23%)


Magenta (46%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.0520, 29.7530, 16.9610 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 158.0520, 29.7530, 16.9610 by changing the saturation by 10% instead.

 158.0520, 29.7530,
16.9610


 158.0520, 29.7530,
16.9610


255.0000, -0.0000,
-0.0000


 131.4540, 28.5610,
16.5370


 213.2480, 32.1370,
17.8090


 105.8560, 27.3690,
16.1130


 232.9900, 15.1280,
12.1840

 81.2580, 26.1770,
15.6890

 252.0650, 1.3750,
2.6150

 57.3610, 24.3890,
15.0530

 34.5780, 22.2800,
14.7280

 14.3390, 21.4550,
13.1590

 0.0000, 0.0000,

0.0000

■ 158.0520, 29.7530,
16.9610

■ 158.0520, 29.7530,
16.9610

■ 144.6020, 40.0680,
22.7560

■ 171.5020, 19.4380,
11.1660

■ 131.8530, 49.7870,
28.3390

■ 184.2510, 9.7190,
5.5830

■ 118.4030, 60.1020,
34.1340

■ 197.7010, -0.5960,
-0.2120

■ 105.0670, 70.0960,
40.2400

■ 211.0370,
-10.5900, -6.3180

■ 91.6170, 80.4110,
46.0350

■ 223.9000,
-20.6300, -11.5900

■ 78.7540, 90.4510,
51.3070

■ 236.1760,
-30.3950, -16.3390

■ 65.4180, 100.4450,
57.4130

■ 237.6580,
-34.5680, -12.2960

■ 64.7170, 101.0410,
57.6250

Harmonies

Analogous

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



158.3200, 14.4390, 19.1670



158.0520, 29.7530, 16.9610



157.1310, 36.5400, 9.5960

Triad

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



158.0520, 29.7530, 16.9610



151.0260, 5.1380, -16.0300



147.4800, -45.3900, -3.3900

Complementary

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



158.0520, 29.7530, 16.9610



177.9480, -29.7530, -16.9610

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.



144.5300, -48.8270, -12.6910



158.0520, 29.7530, 16.9610



148.3100, -16.2730, -18.9690

Square

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



158.0520, 29.7530, 16.9610



153.6970, 22.4220, -9.8820



145.4140, -36.9970, -17.8370



153.0140, -28.9780, 7.5500

Rectangle

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



158.0520, 29.7530, 16.9610



155.7300, 35.9910, 3.0230



145.4140, -36.9970, -17.8370



146.4040, -48.2320, -6.9520

Sweetspot

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



158.0520, 29.7530, 16.9610



239.5610, 11.7820, 6.7420



158.4690, 7.0100, 27.1540



117.9410, 7.6560, 4.4240



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.



158.0520, 29.7530, 16.9610



195.2330, 45.6610, 26.0210



164.5600, 30.7180, 4.9740



92.9190, 4.7220, 2.5300



53.5250, 83.6660, 47.6180



11.7900, 18.5670, 10.4310

Inverse Universe

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



158.0520, 29.7530, 16.9610



195.2330, 45.6610, 26.0210



171.4400, -30.7180, -4.9740



92.9190, 4.7220, 2.5300



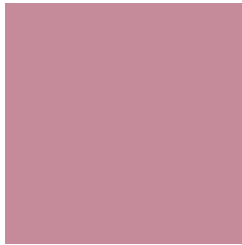
53.5250, 83.6660, 47.6180



11.7900, 18.5670, 10.4310

Previews

White Background



This preview shows how the YIQ color 158.0520, 29.7530, 16.9610 looks on a white background.

Color Contrast Check

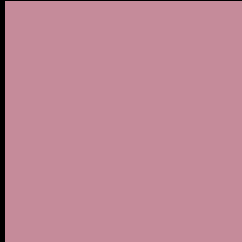
Large Text (above 18pt) WCAG AA × Fail

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 158.0520, 29.7530, 16.9610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

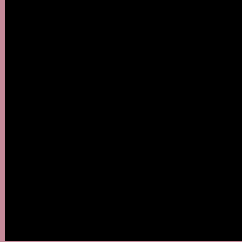
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.0520, 29.7530, 16.9610

Background



This preview shows how black text looks on a background with the YIQ color 158.0520, 29.7530, 16.9610.



This preview shows how white text looks on a background with the YIQ color 158.0520, 29.7530,

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

158.0520, 29.7530, 16.9610

Protanopia

155.6240, -1.6970, 3.2230

Deuteranopia

156.5070, 11.8740, 5.0740



Tritanopia

158.1830, 30.7620, 15.1940

Trichromacy



Original Color

158.0520, 29.7530, 16.9610

Protanomaly

156.8320, 9.5810, 8.0850

Deuteranomaly

156.9640, 18.0170, 9.3850

Tritanomaly

158.2970, 30.4410, 15.5050

Monochromacy



Original Color

158.0520, 29.7530, 16.9610

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.9630, 10.5900, 6.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.0520, 29.7530, 16.9610 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, 139, 154)` looks like.

```
.text, #text, p{  
    color:rgb(197, 139, 154)  
}
```

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, 139, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 139, 154) }
```

Border

The CSS property to change the border of an element to YIQ 158.0520, 29.7530, 16.9610 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, 139, 154) }
```


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

```
.border{ border-color:rgb(197, 139, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 139, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 139, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 139, 154);  
box-shadow:4px 4px 4px 4px rgb(197, 139,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 158.0520, 29.7530, 16.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 139, 154) }
```

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

```
.background{ background-color: rgb(197,  
139, 154) }
```

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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