

Converting Colors

YIQ(158.2970, 30.4410, 15.5050)

Have a look what the booklet for
YIQ(158.2970, 30.4410, 15.5050)
contains.

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Color

**YIQ(158.2970, 30.4410,
15.5050)**

Conversions

Conversions Part 1	
Format	Color
Hex	C58C97
RGB	197, 140, 151
RGB Percent	77%, 55%, 59%
CMY	0.2273, 0.4511, 0.4077
CMYK	0.00, 0.29, 0.23, 0.23
HSL	348°, 33%, 66%
HSV	348°, 29%, 77%
XYZ	37.9983, 32.8597, 33.6302
YIQ	158.2970, 30.4410, 15.5050

Conversions

Conversions Part 2

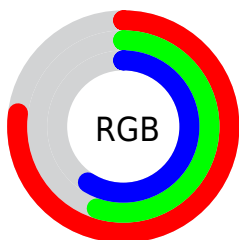
Format	Color
RYB	197, 140, 151
Decimal	12946583
CIELab	64.05, 23.31, 2.82
CIELCh	64, 23.476, 6.898
Yxy	32.8597, 0.3637, 0.3145
Android (android.graphics.Color)	4291136663 (0xFFC58C97)
YUV	158.2970, -3.5974, 33.9425
Hunter-Lab	57.3234, 18.0075, 5.3424

Details

The YIQ color **158.2970, 30.4410, 15.5050** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **178.7030, -30.4410, -15.5050**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4930, 32.8250, 16.3530**, and **106.1010, 28.0570, 14.6570** is the 20% darker color. If you saturate the color by 10%, you get **144.7330, 41.0770, 20.9890**, and if you desaturate by 10%, it is **171.8610, 19.8050, 10.0210**.

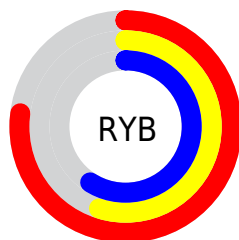
Distribution



Red (77%)

Green (55%)

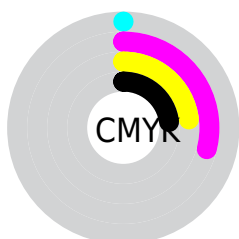
Blue (59%)



Red (77%)

Yellow (55%)

Blue (59%)

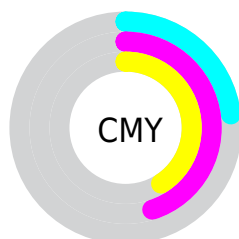


Cyan (0%)

Magenta (29%)

Yellow (23%)

Black (23%)



Cyan (23%)

Magenta (45%)


Yellow (41%)


Brightness & Saturation

Gradients


These gradients show how the YIQ color 158.2970, 30.4410, 15.5050 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 158.2970, 30.4410, 15.5050 by changing the saturation by 10% instead.


 158.2970, 30.4410,
15.5050


 158.2970, 30.4410,
15.5050


255.0000, -0.0000,
-0.0000

 131.6990, 29.2490,
15.0810

 213.4930, 32.8250,
16.3530


 106.1010, 28.0570,
14.6570


 233.1210, 16.1370,
10.4170

 81.5030, 26.8650,
14.2330

 252.6520, 1.1000,
2.0920

 57.7200, 24.7560,
13.9080

 34.9370, 22.6470,
13.5830

 13.8830, 22.7390,
11.9150

 0.0000, 0.0000,

0.0000

158.2970, 30.4410,
15.5050

158.2970, 30.4410,
15.5050

144.7330, 41.0770,
20.9890

171.8610, 19.8050,
10.0210

131.7560, 51.4380,
25.9500

184.8380, 9.4440,
5.0600

118.1920, 62.0740,
31.4340

198.4020, -1.1920,
-0.4240

104.6280, 72.7100,
36.9180

211.9660,
-11.8280, -5.9080

91.1780, 83.0250,
42.7130

224.8290,
-21.8680, -11.1800

78.2010, 93.3860,
47.6740

236.6320,
-31.6790, -15.0950

■ 64.6370, 104.0220,
53.1580

■ 237.6580,
-34.5680, -12.2960

■ 63.2350, 105.2140,
53.5820

Harmonies

Analogous

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



158.5760, 16.5940, 18.6580



158.2970, 30.4410, 15.5050



156.8920, 35.7150, 8.0270

Triad

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



158.2970, 30.4410, 15.5050



151.6450, 1.8370, -16.7790



149.6870, -41.5390, -1.5950

Complementary

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



158.2970, 30.4410, 15.5050



178.7030, -30.4410, -15.5050

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.



146.0680, -47.4060, -10.9100



158.2970, 30.4410, 15.5050



148.7550, -19.0240, -18.6720

Square

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



158.2970, 30.4410, 15.5050



153.6150, 19.7170, -10.4190



145.7560, -37.9600, -16.9040



153.9930, -24.4850, 8.7230

Rectangle

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



158.2970, 30.4410, 15.5050



156.0070, 33.6530, 1.3410



145.7560, -37.9600, -16.9040



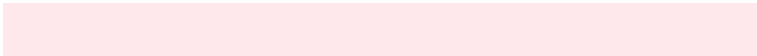
147.8390, -45.0230, -4.5350

Sweetspot

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



158.2970, 30.4410, 15.5050



239.3330, 12.4240, 6.1200



160.2520, 9.1190, 27.4790



117.8270, 7.9770, 4.1130



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.



158.2970, 30.4410, 15.5050



194.5490, 47.5870, 24.1550



167.0220, 29.2970, 3.1930



92.8050, 5.0430, 2.2190



52.3850, 86.8760, 44.5080



11.5620, 19.2090, 9.8090

Inverse Universe

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



158.2970, 30.4410, 15.5050



194.5490, 47.5870, 24.1550



169.9780, -29.2970, -3.1930



92.8050, 5.0430, 2.2190



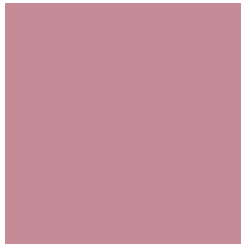
52.3850, 86.8760, 44.5080



11.5620, 19.2090, 9.8090

Previews

White Background



This preview shows how the YIQ color 158.2970, 30.4410, 15.5050 looks on a white background.

Color Contrast Check

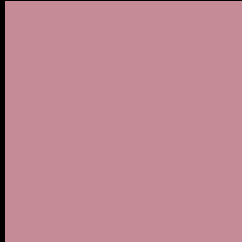
Large Text (above 18pt) WCAG AA × Fail

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 158.2970, 30.4410, 15.5050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

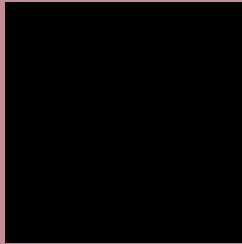
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.2970, 30.4410, 15.5050

Background



This preview shows how black text looks on a background with the YIQ color 158.2970, 30.4410, 15.5050.



This preview shows how white text looks on a background with the YIQ color 158.2970, 30.4410,

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

158.2970, 30.4410, 15.5050

Protanopia

156.0540, -0.0920, 1.6680

Deuteranopia




156.7630, 14.0290, 4.5650






Tritanopia

158.2970, 30.4410, 15.5050

Trichromacy

	Original Color 158.2970, 30.4410, 15.5050
	Protanomaly 157.2620, 11.1860, 6.5300
	Deuteranomaly 157.2200, 20.1720, 8.8760
	Tritanomaly 158.2970, 30.4410, 15.5050

Monochromacy

	Original Color 158.2970, 30.4410, 15.5050
	Achromatopsia 158.0000, -0.0000, 0.0000
	Achromatomaly 157.7350, 11.2320, 5.6960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.2970, 30.4410, 15.5050 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, 140, 151)` looks like.

```
.text, #text, p{  
    color:rgb(197, 140, 151)  
}
```

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, 140, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 140, 151) }
```

Border

The CSS property to change the border of an element to YIQ 158.2970, 30.4410, 15.5050 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, 140, 151) }
```


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

```
.border{ border-color:rgb(197, 140, 151) }
```

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

Here you see how a box with a 4 pixel rgb(197, 140, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 140, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 140, 151);  
box-shadow:4px 4px 4px 4px rgb(197, 140,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 158.2970, 30.4410, 15.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 140, 151) }
```

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

```
.background{ background-color: rgb(197,  
140, 151) }
```

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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