

Converting Colors

YIQ(168.4440, 25.3530, 8.5930)

Have a look what the booklet for
YIQ(168.4440, 25.3530, 8.5930)
contains.

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Color

**YIQ(168.4440, 25.3530,
8.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	C69C9B
RGB	198, 156, 155
RGB Percent	78%, 61%, 61%
CMY	0.2234, 0.3883, 0.3921
CMYK	0.00, 0.21, 0.22, 0.22
HSL	1°, 27%, 69%
HSV	1°, 22%, 78%
XYZ	41.0995, 38.1476, 36.2188
YIQ	168.4440, 25.3530, 8.5930

Conversions

Conversions Part 2

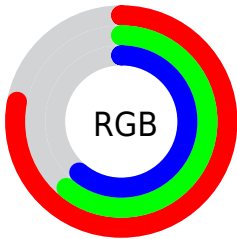
Format	Color
R _Y B	198, 156, 155
Decimal	13016219
CIE Lab	68.13, 15.47, 6.47
CIE LCh	68, 16.770, 22.710
Yxy	38.1476, 0.3559, 0.3304
Android (android.graphics.Color)	4291206299 (0xFFC69C9B)
YUV	168.4440, -6.6279, 25.9206
Hunter-Lab	61.7638, 10.6926, 8.4665

Details

The YIQ color **168.4440, 25.3530, 8.5930** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **184.5560, -25.3530, -8.5930**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.9280, 26.8660, 8.7060**, and **116.2480, 22.9690, 7.7450** is the 20% darker color. If you saturate the color by 10%, you get **155.0110, 36.9980, 12.3100**, and if you desaturate by 10%, it is **181.8770, 13.7080, 4.8760**.

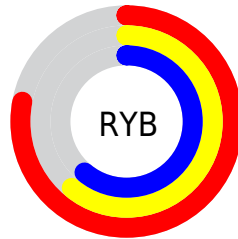
Distribution



Red (78%)

Green (61%)

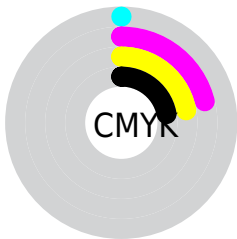
Blue (61%)



Red (78%)

Yellow (61%)

Blue (61%)

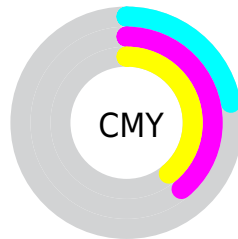


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (22%)



Cyan (22%)

Magenta (39%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.4440, 25.3530, 8.5930 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 168.4440, 25.3530, 8.5930 by changing the saturation by 10% instead.


 168.4440, 25.3530,
8.5930


 168.4440, 25.3530,
8.5930


255.0000, -0.0000,
-0.0000


 141.8460, 24.1610,
8.1690


 223.9280, 26.8660,
8.7060


 116.2480, 22.9690,
7.7450

 243.6700, 9.8570,
3.0810

 91.0630, 22.0520,
7.8440

 67.4650, 20.8600,
7.4200

 44.9810, 19.3470,
7.3070

 22.9700, 17.8800,
6.3600

 5.3820, 10.7280,

3.8160

0.0000, 0.0000,
0.0000

168.4440, 25.3530,
8.5930

168.4440, 25.3530,
8.5930

155.0110, 36.9980,
12.3100

181.8770, 13.7080,
4.8760

140.9910, 48.9180,
16.5500

195.8970, 1.7880,
0.6360

127.6720, 60.2420,
20.5780

209.2160, -9.5360,
-3.3920

114.2390, 71.8870,
24.2950

222.6490,
-21.1810, -7.1090

100.2190, 83.8070,
28.5350

236.6690,
-33.1010, -11.3490

■ 86.7860, 95.4520,
32.2520

■ 237.9570,
-33.9720, -12.0840

■ 72.7660, 107.3720,
36.4920

■ 61.5500, 116.9080,
39.8840

Harmonies

Analogous

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



168.9580, 18.1540, 12.4100



168.4440, 25.3530, 8.5930



167.3420, 25.4000, 2.2320

Triad

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



168.4440, 25.3530, 8.5930



162.5610, -6.5540, -13.3860



164.9020, -22.9710, 3.3090

Complementary

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



168.4440, 25.3530, 8.5930



184.5560, -25.3530, -8.5930

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.



162.0810, -31.0850, -3.8290



168.4440, 25.3530, 8.5930



160.9600, -20.8590, -12.9470

Square

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



168.4440, 25.3530, 8.5930



164.5690, 8.1630, -10.2770



160.5770, -29.8460, -9.7660



166.8330, -9.3550, 9.8530

Rectangle

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



168.4440, 25.3530, 8.5930



166.4400, 22.0080, -2.3760



160.5770, -29.8460, -9.7660



163.5810, -26.5010, 1.2030

Sweetspot

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



168.4440, 25.3530, 8.5930



242.9690, 10.4530, 3.2930



172.6450, 12.1460, 22.1780



120.8760, 6.2810, 1.8090



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.



168.4440, 25.3530, 8.5930



209.3210, 39.0610, 13.4690



180.7710, 19.5780, -2.3900



92.6910, 5.3640, 1.9080



51.0850, 96.0480, 32.4640



11.3510, 21.1810, 7.1090

Inverse Universe

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



184.5560, -25.3530, -8.5930



234.6790, -39.0610, -13.4690



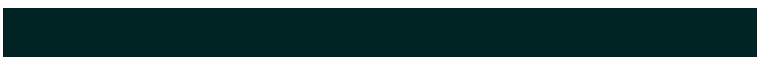
172.2290, -19.5780, 2.3900



96.3090, -5.3640, -1.9080



112.5020, -96.3230, -32.9870



24.6490, -21.1810, -7.1090

Previews

White Background



This preview shows how the YIQ color 168.4440, 25.3530, 8.5930 looks on a white background.

Color Contrast Check

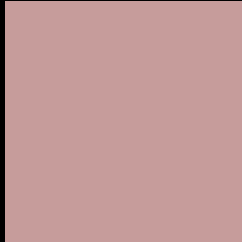
Large Text (above 18pt) WCAG AA × Fail

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 168.4440, 25.3530, 8.5930 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 168.4440, 25.3530, 8.5930

Background



This preview shows how black text looks on a background with the YIQ color 168.4440, 25.3530, 8.5930.



This preview shows how white text looks on a background with the YIQ color 168.4440, 25.3530,

8.5930.

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

168.4440, 25.3530, 8.5930

Protanopia

166.8110, 4.9060, -0.8060

Deuteranopia

167.9760, 17.7430, 3.3350



Tritanopia

168.8230, 22.9680, 13.2720

Trichromacy



Original Color

168.4440, 25.3530, 8.5930

Protanomaly

167.2250, 12.6080, 2.7840

Deuteranomaly

167.9980, 20.6770, 5.2290

Tritanomaly

168.9540, 23.9770, 11.5050

Monochromacy



Original Color

168.4440, 25.3530, 8.5930

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.3710, 9.2610, 2.8690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.4440, 25.3530, 8.5930 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(198, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 156, 155)  
}
```

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(198, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 156, 155) }
```

Border

The CSS property to change the border of an element to YIQ 168.4440, 25.3530, 8.5930 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(198, 156, 155) }
```


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

```
.border{ border-color:rgb(198, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(198, 156,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 168.4440, 25.3530, 8.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 156, 155) }
```

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

```
.background{ background-color: rgb(198,  
156, 155) }
```

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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