

Converting Colors

YIQ(159.3660, 25.9930, 19.0250)

Have a look what the booklet for
YIQ(159.3660, 25.9930, 19.0250)
contains.

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Color

**YIQ(159.3660, 25.9930,
19.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	C48CA3
RGB	196, 140, 163
RGB Percent	77%, 55%, 64%
CMY	0.2312, 0.4511, 0.3607
CMYK	0.00, 0.29, 0.17, 0.23
HSL	335°, 32%, 66%
HSV	335°, 29%, 77%
XYZ	38.7622, 33.1352, 39.0133
YIQ	159.3660, 25.9930, 19.0250

Conversions

Conversions Part 2

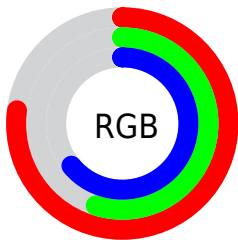
Format	Color
R _Y B	196, 140, 163
Decimal	12881059
CIE Lab	64.27, 24.80, -3.66
CIE LCh	64, 25.064, 351.615
Yxy	33.1352, 0.3495, 0.2988
Android (android.graphics.Color)	4291071139 (0xFFC48CA3)
YUV	159.3660, 1.7916, 32.1280
Hunter-Lab	57.5632, 19.4636, 0.1106

Details

The YIQ color **159.3660, 25.9930, 19.0250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **176.6340, -25.9930, -19.0250**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3770, 27.4600, 19.9720**, and **107.0560, 23.9300, 17.8660** is the 20% darker color. If you saturate the color by 10%, you get **146.2580, 35.3450, 25.7530**, and if you desaturate by 10%, it is **172.4740, 16.6410, 12.2970**.

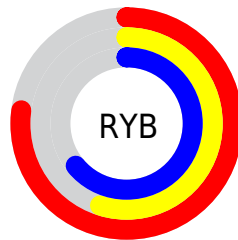
Distribution



Red (77%)

Green (55%)

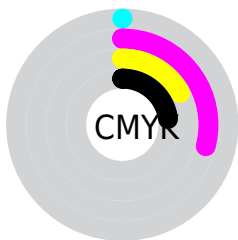
Blue (64%)



Red (77%)

Yellow (55%)

Blue (64%)

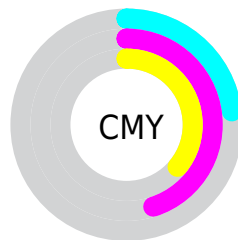


Cyan (0%)

Magenta (29%)

Yellow (17%)

Black (23%)



Cyan (23%)


Magenta (45%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.3660, 25.9930, 19.0250 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 159.3660, 25.9930, 19.0250 by changing the saturation by 10% instead.


 159.3660, 25.9930,
19.0250


 159.3660, 25.9930,
19.0250


255.0000, -0.0000,
-0.0000


 132.7680, 24.8010,
18.6010


 214.3770, 27.4600,
19.9720


 107.0560, 23.9300,
17.8660


 234.6030, 11.9640,
14.4600

 82.4580, 22.7380,
17.4420

 252.6520, 1.1000,
2.0920

 58.8600, 21.5460,
17.0180

 35.3760, 20.0330,
16.9050

 15.3650, 18.5660,
15.9580

 0.0000, 0.0000,

0.0000

159.3660, 25.9930,
19.0250

159.3660, 25.9930,
19.0250

146.2580, 35.3450,
25.7530

172.4740, 16.6410,
12.2970

133.8510, 44.1010,
32.2690

184.8810, 7.8850,
5.7810

120.7430, 53.4530,
38.9970

197.9890, -1.4670,
-0.9470

108.3360, 62.2090,
45.5130

210.3960,
-10.2230, -7.4630

95.2280, 71.5610,
52.2410

223.5040,
-19.5750, -14.1910

82.2340, 80.5920,
59.2800

234.7370,
-27.7810, -19.6610

■ 69.7130, 89.6690,
65.4850

■ 236.1050,
-31.6330, -15.9290

■ 67.8380, 90.8150,
66.7430

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



159.3130, 7.1490, 19.1250



159.3660, 25.9930, 19.0250



158.2390, 36.3560, 12.9320

Triad

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



159.3660, 25.9930, 19.0250



152.6740, 12.0610, -14.8430



146.6210, -50.3410, -7.2770

Complementary

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



159.3660, 25.9930, 19.0250



176.6340, -25.9930, -19.0250

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.



144.7210, -48.0470, -15.8150



159.3660, 25.9930, 19.0250



149.9040, -9.2580, -19.4500

Square

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



159.3660, 25.9930, 19.0250



155.2140, 28.3360, -6.9280



146.9970, -31.4490, -19.2650



152.3010, -37.2760, 3.7480

Rectangle

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



159.3660, 25.9930, 19.0250



157.6210, 37.9160, 6.6840



146.9970, -31.4490, -19.2650



146.0290, -51.6700, -10.7260

Sweetspot

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



159.3660, 25.9930, 19.0250



239.9030, 10.8190, 7.6750



156.2510, 1.6920, 24.4120



118.1690, 7.0140, 5.0460



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.



159.3660, 25.9930, 19.0250



198.1170, 40.2960, 29.6400



159.6790, 32.0010, 9.2570



90.4460, 4.6760, 3.3640



55.6630, 74.7700, 54.6580



11.4630, 15.1740, 11.3500

Inverse Universe

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



159.3660, 25.9930, 19.0250



198.1170, 40.2960, 29.6400



176.3210, -32.0010, -9.2570



90.4460, 4.6760, 3.3640



55.6630, 74.7700, 54.6580



11.4630, 15.1740, 11.3500

Previews

White Background



This preview shows how the YIQ color 159.3660, 25.9930, 19.0250 looks on a white background.

Color Contrast Check

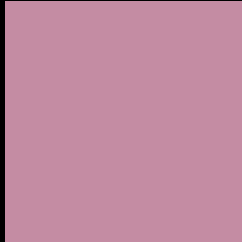
Large Text (above 18pt) WCAG AA × Fail

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 159.3660, 25.9930, 19.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

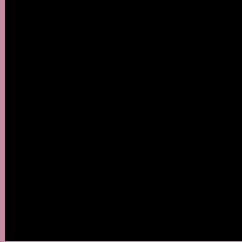
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.3660, 25.9930, 19.0250

Background



This preview shows how black text looks on a background with the YIQ color 159.3660, 25.9930, 19.0250.



This preview shows how white text looks on a background with the YIQ color 159.3660, 25.9930,

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

159.3660, 25.9930, 19.0250

Protanopia

156.6390, -6.0530, 5.0750

Deuteranopia

157.5220, 7.5180, 6.9260



Tritanopia

159.1010, 28.0570, 14.6570

Trichromacy



Original Color

159.3660, 25.9930, 19.0250

Protanomaly

157.8470, 5.2250, 9.9370

Deuteranomaly

158.2780, 14.2570, 11.4490

Tritanomaly

158.9700, 27.0480, 16.4240

Monochromacy



Original Color

159.3660, 25.9930, 19.0250

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.8920, 9.3520, 6.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.3660, 25.9930, 19.0250 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(196, 140, 163)` looks like.

```
.text, #text, p{  
    color:rgb(196, 140, 163)  
}
```

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(196, 140, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 140, 163) }
```

Border

The CSS property to change the border of an element to YIQ 159.3660, 25.9930, 19.0250 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(196, 140, 163) }
```


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

```
.border{ border-color:rgb(196, 140, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 140, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 140, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 140, 163);  
box-shadow:4px 4px 4px 4px rgb(196, 140,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 159.3660, 25.9930, 19.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 140, 163) }
```

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

```
.background{ background-color: rgb(196,  
140, 163) }
```

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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