

Converting Colors

YIQ(159.8660, -4.9540, 12.6940)

Have a look what the booklet for
YIQ(159.8660, -4.9540, 12.6940)
contains.

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Color

**YIQ(159.8660, -4.9540,
12.6940)**

Conversions

Conversions Part 1

Format	Color
Hex	A399BB
RGB	163, 153, 187
RGB Percent	64%, 60%, 73%
CMY	0.3607, 0.4000, 0.2667
CMYK	0.13, 0.18, 0.00, 0.27
HSL	258°, 20%, 67%
HSV	258°, 18%, 73%
XYZ	35.4655, 34.1562, 51.7307
YIQ	159.8660, -4.9540, 12.6940

Conversions

Conversions Part 2

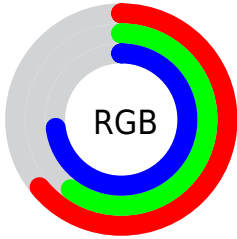
Format	Color
R_{YB}	163, 153, 187
Decimal	10721723
CIE _{Lab}	65.09, 10.45, -16.26
CIE _{LCh}	65, 19.328, 302.744
Yxy	34.1562, 0.2923, 0.2815
Android (android.graphics.Color)	4288911803 (0xFFA399BB)
YUV	159.8660, 13.3771, 2.7485
Hunter-Lab	58.4433, 6.0445, -11.5698

Details

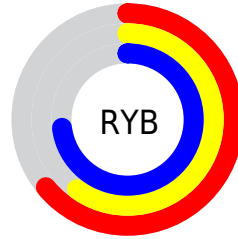
The YIQ color $159.8660, -4.9540, 12.6940$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $180.1340, 4.9540, -12.6940$, and the grayscale version is $160.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $214.3930, -5.0000, 13.5280$, and $108.3390, -4.9080, 11.8600$ is the 20% darker color. If you saturate the color by 10%, you get $144.8260, -7.4770, 19.8750$, and if you desaturate by 10%, it is $174.9060, -2.4310, 5.5130$.

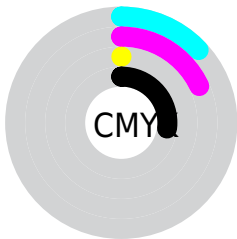
Distribution



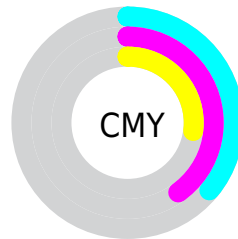
- Red (64%)
- Green (60%)
- Blue (73%)



- Red (64%)
- Yellow (60%)
- Blue (73%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (36%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.8660, -4.9540, 12.6940 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 159.8660, -4.9540, 12.6940 by changing the saturation by 10% instead.

■ 159.8660, -4.9540,
12.6940

■ 159.8660, -4.9540,
12.6940

■ 255.0000, -0.0000,
-0.0000

■ 133.7520, -4.6330,
12.3830

■ 214.3930, -5.0000,
13.5280

■ 108.3390, -4.9080,
11.8600

■ 241.4550, 0.4570,
8.2410

■ 83.8120, -4.8620,
11.0260

■ 60.6980, -4.5410,
10.7150

■ 38.8720, -5.0910,
9.6690

■ 17.4700, -3.8990,
10.0930

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 159.8660, -4.9540,
12.6940

■ 159.8660, -4.9540,
12.6940

■ 144.8260, -7.4770,
19.8750

■ 174.9060, -2.4310,
5.5130

■ 130.3730,
-10.2750, 26.5330

■ 189.3590, 0.3670,
-1.1450

■ 115.0340,
-13.3940, 33.5020

■ 204.6980, 3.4860,
-8.1140

■ 99.9940, -15.9170,
40.6830

■ 219.7380, 6.0090,
-15.2950

■ 85.5410, -18.7150,
47.3410

■ 234.1910, 8.8070,
-21.9530

■ 70.5010, -21.2380,
54.5220

■ 243.3610, 14.0800,
-23.9040

■ 55.4610, -23.7610,
61.7030

■ 247.2480, 21.8280,
-21.1480

■ 40.1220, -26.8800,
68.6720

■ 37.7630, -27.2470,
69.8170

Harmonies

Analogous

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



157.0810, -21.9170, 6.2350



159.8660, -4.9540, 12.6940



161.1300, 11.9180, 15.2940

Triad

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



159.8660, -4.9540, 12.6940



159.1310, 27.3720, -0.4680



151.1270, -28.6990, -14.0350

Complementary

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



159.8660, -4.9540, 12.6940



180.1340, 4.9540, -12.6940

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.



152.7990, -13.1560, -14.8840



159.8660, -4.9540, 12.6940



157.1250, 18.3410, -7.5070

Square

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



159.8660, -4.9540, 12.6940



159.9560, 29.6630, 7.5750



155.5360, 3.7620, -13.1180



150.9830, -36.8610, -9.2850

Rectangle

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



159.8660, -4.9540, 12.6940



161.0940, 20.7670, 14.6150



155.5360, 3.7620, -13.1180



151.9380, -23.7930, -14.8410

Sweetspot

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



159.8660, -4.9540, 12.6940



232.5640, -1.4680, 4.5800



170.9640, -17.5140, -1.9780



116.3960, -1.0550, 2.6010



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



159.8660, -4.9540, 12.6940



199.8260, -7.4770, 19.8750



164.9490, 5.1780, 16.2980



86.9230, -1.1010, 3.4350



32.0650, -22.7060, 59.1020



6.2250, -4.5870, 11.5490

Inverse Universe

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



165.9020, 12.5600, 14.6720



209.1790, 19.3900, 23.0540



175.0510, -5.1780, -16.2980



88.4890, 3.1170, 4.0850



60.0100, 58.2160, 68.3280



11.7770, 11.4140, 13.4140

Previews

White Background



This preview shows how the YIQ color 159.8660, -4.9540, 12.6940 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 159.8660, -4.9540, 12.6940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

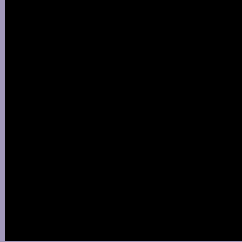
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.8660, -4.9540, 12.6940

Background



This preview shows how black text looks on a background with the YIQ color 159.8660, -4.9540, 12.6940.



This preview shows how white text looks on a background with the YIQ color 159.8660, -4.9540,

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

159.8660, -4.9540, 12.6940

Protanopia

158.8540, -13.8480, 8.6800

Deuteranopia

159.2570, -7.6130, 11.3230



Tritanopia

158.6780, -1.7890, 4.8910

Trichromacy



Original Color

159.8660, -4.9540, 12.6940

Protanomaly

159.3490, -10.8680, 9.7400

Deuteranomaly

159.5560, -7.0170, 11.5350

Tritanomaly

159.1880, -3.1650, 7.8030

Monochromacy



Original Color

159.8660, -4.9540, 12.6940

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.6780, -1.7890, 4.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.8660, -4.9540, 12.6940 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(163, 153, 187)` looks like.

```
.text, #text, p{  
    color:rgb(163, 153, 187)  
}
```

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(163, 153, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 153, 187) }
```

Border

The CSS property to change the border of an element to YIQ 159.8660, -4.9540, 12.6940 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(163, 153, 187) }
```


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

```
.border{ border-color:rgb(163, 153, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 153, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 153, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 153, 187);  
box-shadow:4px 4px 4px 4px rgb(163, 153,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 159.8660, -4.9540, 12.6940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 153, 187) }
```

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

```
.background{ background-color: rgb(163,  
153, 187) }
```

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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