

Converting Colors

YIQ(168.1260, -0.5950, -5.7390)

Have a look what the booklet for
YIQ(168.1260, -0.5950, -5.7390)
contains.

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Color

**YIQ(168.1260, -0.5950,
-5.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AC9F
RGB	164, 172, 159
RGB Percent	64%, 67%, 62%
CMY	0.3569, 0.3255, 0.3765
CMYK	0.05, 0.00, 0.08, 0.33
HSL	97°, 7%, 65%
HSV	97°, 8%, 67%
XYZ	36.3198, 39.9014, 38.5893
YIQ	168.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

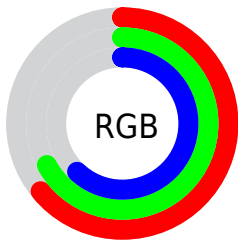
Format	Color
RYB	159, 172, 167
Decimal	10792095
CIELab	69.40, -5.27, 5.70
CIELCh	69, 7.765, 132.726
Yxy	39.9014, 0.3163, 0.3475
Android (android.graphics.Color)	4288982175 (0xFFA4AC9F)
YUV	168.1260, -4.4991, -3.6185
Hunter-Lab	63.1675, -7.9101, 7.9968

Details

The YIQ color $168.1260, -0.5950, -5.7390$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $162.8740, 0.5950, 5.7390$, and the grayscale version is $168.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.1260, -0.5950, -5.7390$, and $116.2400, -0.9160, -5.4280$ is the 20% darker color. If you saturate the color by 10%, you get $162.8990, -1.6940, -13.3580$, and if you desaturate by 10%, it is $173.3530, 0.5040, 1.8800$.

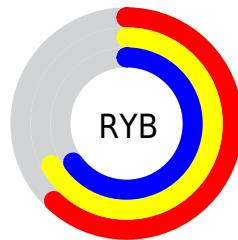
Distribution



Red (64%)

Green (67%)

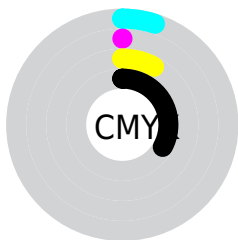
Blue (62%)



Red (62%)

Yellow (67%)

Blue (65%)

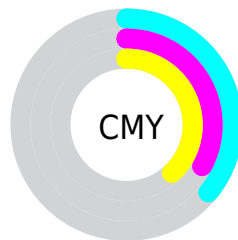


Cyan (5%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.1260, -0.5950, -5.7390 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 168.1260, -0.5950, -5.7390 by changing the saturation by 10% instead.

■ 168.1260, -0.5950,
-5.7390

■ 168.1260, -0.5950,
-5.7390

255.0000, -0.0000,
-0.0000

■ 141.5390, -0.3200,
-5.2160

■ 223.1260, -0.5950,
-5.7390

■ 116.2400, -0.9160,
-5.4280

■ 251.1260, -0.5950,
-5.7390

■ 91.5390, -0.3200,
-5.2160

■ 67.6530, -0.6410,
-4.9050

■ 45.7670, -0.9620,
-4.5940

■ 25.0660, -0.3660,
-4.3820

■ 0.0000, 0.0000,

0.0000

■ 168.1260, -0.5950,
-5.7390

■ 168.1260, -0.5950,
-5.7390

■ 162.8990, -1.6940,
-13.3580

■ 173.3530, 0.5040,
1.8800

■ 157.9710, -2.1970,
-20.7650

■ 178.2810, 1.0070,
9.2870

■ 152.6300, -2.9750,
-28.6950

■ 183.6220, 1.7850,
17.2170

■ 147.7020, -3.4780,
-36.1020

■ 188.5500, 2.2880,
24.6240

■ 142.4750, -4.5770,
-43.7210

■ 193.7770, 3.3870,
32.2430

■ 137.2480, -5.6760,
-51.3400

■ 198.2060, 6.7330,
37.6850

■ 132.3200, -6.1790,
-58.7470

■ 201.1960, 12.6930,
39.8050

■ 126.9790, -6.9570,
-66.6770

■ 204.4850, 19.2490,
42.1370

■ 122.0510, -7.4600,
-74.0840

■ 206.2790, 22.8250,
43.4090

Harmonies

Analogous

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



169.0020, 5.6860, -3.9300



168.1260, -0.5950, -5.7390



167.3040, -6.9680, -5.8800

Triad

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



168.1260, -0.5950, -5.7390



168.4810, -11.6000, 0.9760



171.2080, 11.2780, 4.8620

Complementary

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



168.1260, -0.5950, -5.7390



162.8740, 0.5950, 5.7390

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.



170.8100, 6.6470, 6.1910



168.1260, -0.5950, -5.7390



169.6990, -6.2820, 3.7180

Square

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



168.1260, -0.5950, -5.7390



167.7040, -13.8460, -2.3740



170.8740, 0.5950, 5.7390



170.6980, 12.6540, 1.9500

Rectangle

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



168.1260, -0.5950, -5.7390



167.5640, -10.6360, -5.4840



170.8740, 0.5950, 5.7390



171.1370, 10.0400, 5.2720

Sweetspot

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



168.1260, -0.5950, -5.7390



222.9460, 0.0920, -1.6680



167.5830, 5.5480, -1.4280



111.4730, 0.0460, -0.8340



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



168.1260, -0.5950, -5.7390



218.1320, -0.7320, -8.7640



166.7450, -3.8960, -6.4880



84.1800, -0.6870, -4.0710



105.3920, -6.6820, -66.1540



16.1920, -0.9610, -10.1210

Inverse Universe

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



162.8740, 0.5950, 5.7390



210.1670, 1.3280, 8.9760



164.2550, 3.8960, 6.4880



80.5210, 0.0910, 3.8590



44.9070, 7.2780, 66.3660



6.8080, 0.9610, 10.1210

Previews

White Background



This preview shows how the YIQ color 168.1260, -0.5950, -5.7390 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 168.1260, -0.5950, -5.7390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

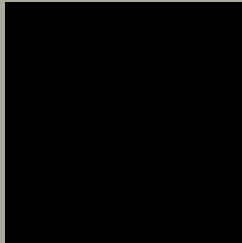
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

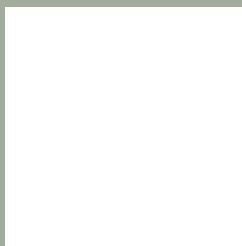
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 168.1260, -0.5950, -5.7390

Background



This preview shows how black text looks on a background with the YIQ color 168.1260, -0.5950, -5.7390.



This preview shows how white text looks on a background with the YIQ color 168.1260, -0.5950, -5.7390.

-5.7390.

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

168.1260, -0.5950, -5.7390

Protanopia

169.4260, 7.4280, -2.4600

Deuteranopia

171.1330, 15.8630, 4.3670



Tritanopia

170.1830, -4.7690, 3.8310

Trichromacy



Original Color

168.1260, -0.5950, -5.7390

Protanomaly

168.9310, 4.4480, -3.5200

Deuteranomaly

170.0890, 9.9950, 0.5790

Tritanomaly

169.5590, -3.0720, 0.6080

Monochromacy



Original Color

168.1260, -0.5950, -5.7390

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.9460, 0.0920, -1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.1260, -0.5950, -5.7390 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(164, 172, 159)` looks like.

```
.text, #text, p{  
    color:rgb(164, 172, 159)  
}
```

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(164, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 172, 159) }
```

Border

The CSS property to change the border of an element to YIQ 168.1260, -0.5950, -5.7390 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(164, 172, 159) }
```


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

```
.border{ border-color:rgb(164, 172, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 172, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(164, 172,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 168.1260, -0.5950, -5.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 172, 159) }
```

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

```
.background{ background-color: rgb(164,  
172, 159) }
```

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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