

Converting Colors

YIQ(168.7430, -9.5820, -2.5580)

Have a look what the booklet for
YIQ(168.7430, -9.5820, -2.5580)
contains.

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Color

**YIQ(168.7430, -9.5820,
-2.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	9EADAF
RGB	158, 173, 175
RGB Percent	62%, 68%, 69%
CMY	0.3804, 0.3215, 0.3138
CMYK	0.10, 0.01, 0.00, 0.31
HSL	187°, 10%, 65%
HSV	187°, 10%, 69%
XYZ	36.7805, 40.2525, 46.3832
YIQ	168.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

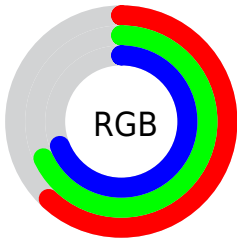
Format	Color
R_{YB}	158, 166, 175
Decimal	10399151
CIE Lab	69.65, -4.82, -2.82
CIE LCh	70, 5.580, 210.303
Yxy	40.2525, 0.2980, 0.3262
Android (android.graphics.Color)	4288589231 (0xFF9EADAF)
YUV	168.7430, 3.0847, -9.4216
Hunter-Lab	63.4449, -7.5479, 1.0657

Details

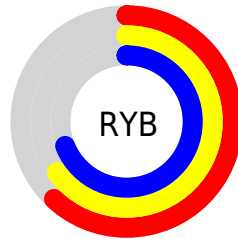
The YIQ color **168.7430, -9.5820, -2.5580** is a light color, and the websafe version is hex **999999**. A complement of this color would be **164.2570, 9.5820, 2.5580**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.7430, -9.5820, -2.5580**, and **117.0420, -8.9860, -2.3460** is the 20% darker color. If you saturate the color by 10%, you get **162.1870, -19.7600, -5.3280**, and if you desaturate by 10%, it is **175.0000, -0.0000, -0.0000**.

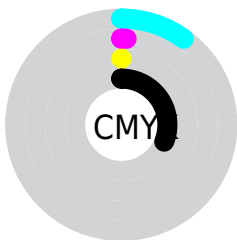
Distribution



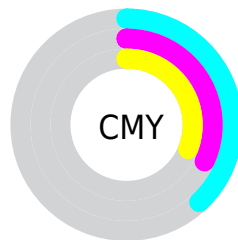
- Red (62%)
- Green (68%)
- Blue (69%)



- Red (62%)
- Yellow (65%)
- Blue (69%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.7430, -9.5820, -2.5580 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 168.7430, -9.5820, -2.5580 by changing the saturation by 10% instead.

■ 168.7430, -9.5820,
-2.5580

■ 168.7430, -9.5820,
-2.5580

■ 255.0000, -0.0000,
-0.0000

■ 142.0420, -8.9860,
-2.3460

■ 223.7430, -9.5820,
-2.5580

■ 117.0420, -8.9860,
-2.3460

■ 250.8140, -8.3440,
-2.9680

■ 92.0420, -8.9860,
-2.3460

■ 68.3410, -8.3900,
-2.1340

■ 46.2270, -8.0690,
-2.4450

■ 25.5260, -7.4730,
-2.2330

■ 0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 168.7430, -9.5820,
-2.5580

■ 168.7430, -9.5820,
-2.5580

■ 162.1870,
-19.7600, -5.3280

■ 175.0000, -0.0000,
-0.0000

■ 155.9300,
-29.3420, -7.8860

■ 181.5560, 10.1780,
2.7700

■ 149.3740,
-39.5200, -10.6560

■ 187.8130, 19.7600,
5.3280

■ 143.1170,
-49.1020, -13.2140

■ 194.3690, 29.9380,
8.0980

■ 136.5610,
-59.2800, -15.9840

■ 200.6260, 39.5200,
10.6560

■ 130.3040,
-68.8620, -18.5420

■ 204.7900, 44.9300,
11.7300

■ 123.7480,
-79.0400, -21.3120

■ 205.9640, 44.3800,
10.6840

■ 117.4910,
-88.6220, -23.8700

■ 207.1380, 43.8300,
9.6380

■ 111.2340,
-98.2040, -26.4280

■ 208.3120, 43.2800,
8.5920

Harmonies

Analogous

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



168.4720, -7.3810, -3.9010



168.7430, -9.5820, -2.5580



169.2100, -9.3990, -0.3670

Triad

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



168.7430, -9.5820, -2.5580



170.9020, 3.3920, 4.6080



170.3550, 6.1900, -2.0500

Complementary

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



168.7430, -9.5820, -2.5580



164.2570, 9.5820, 2.5580

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.



170.4910, 8.8030, 0.1550



168.7430, -9.5820, -2.5580



171.5280, 7.3810, 3.9010

Square

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



168.7430, -9.5820, -2.5580



170.7380, -2.0180, 3.5340



170.9580, 8.9860, 2.3460



169.2620, 2.0180, -3.5340

Rectangle

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



168.7430, -9.5820, -2.5580



169.6340, -7.6570, 1.1030



170.9580, 8.9860, 2.3460



170.0670, 7.0610, -1.3150

Sweetspot

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



168.7430, -9.5820, -2.5580



224.3200, -3.8970, -0.9610



168.2070, -5.3170, -8.2690



112.9180, -2.7050, -0.5370



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



168.7430, -9.5820, -2.5580



217.1660, -15.2670, -4.1550



164.0470, -7.3820, 1.6260



83.7220, -5.0890, -1.3850



95.1710, -84.7250, -22.9090



14.3620, -12.8830, -3.3070

Inverse Universe

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



164.7930, 5.3170, 8.2690



210.8090, 8.3880, 13.1880



168.9530, 7.3820, -1.6260



81.6030, 2.7960, 4.3960



60.0120, 46.7070, 73.1630



9.1570, 7.2880, 11.0960

Previews

White Background



This preview shows how the YIQ color 168.7430, -9.5820, -2.5580 looks on a white background.

Color Contrast Check

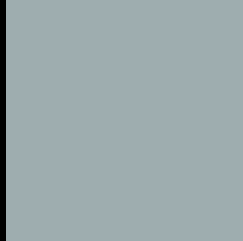
Large Text (above 18pt) WCAG AA × Fail

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 168.7430, -9.5820, -2.5580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

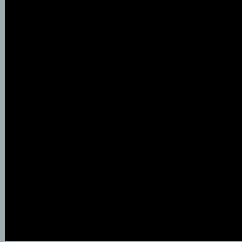
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

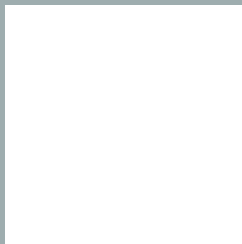
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 168.7430, -9.5820, -2.5580

Background



This preview shows how black text looks on a background with the YIQ color 168.7430, -9.5820, -2.5580.



This preview shows how white text looks on a background with the YIQ color 168.7430, -9.5820, -2.5580.

-2.5580.

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

168.7430, -9.5820, -2.5580

Protanopia

170.3530, 0.5040, 1.8800

Deuteranopia

171.7500, 6.8760, 7.5480



Tritanopia

169.3070, -11.0500, 2.0220

Trichromacy



Original Color

168.7430, -9.5820, -2.5580

Protanomaly

169.5590, -3.0720, 0.6080

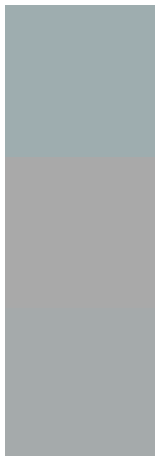
Deuteranomaly

170.7060, 1.0080, 3.7600

Tritanomaly

169.1390, -10.6370, 0.0430

Monochromacy



Original Color

168.7430, -9.5820, -2.5580

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

168.6190, -3.3010, -0.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.7430, -9.5820, -2.5580 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(158, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(158, 173, 175)  
}
```

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(158, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 173, 175) }
```

Border

The CSS property to change the border of an element to YIQ 168.7430, -9.5820, -2.5580 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(158, 173, 175) }
```


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

```
.border{ border-color:rgb(158, 173, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 173, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(158, 173,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 168.7430, -9.5820, -2.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 173, 175) }
```

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

```
.background{ background-color: rgb(158,  
173, 175) }
```

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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