

Converting Colors

YIQ(164.8240, -14.3040,
-5.0880)

Have a look what the booklet for
YIQ(164.8240, -14.3040, -5.0880)
contains.

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Color

**YIQ(164.8240, -14.3040,
-5.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	94ACAC
RGB	148, 172, 172
RGB Percent	58%, 67%, 67%
CMY	0.4197, 0.3254, 0.3255
CMYK	0.14, 0.00, 0.00, 0.33
HSL	180°, 13%, 63%
HSV	180°, 14%, 67%
XYZ	34.4096, 38.7814, 44.6944
YIQ	164.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

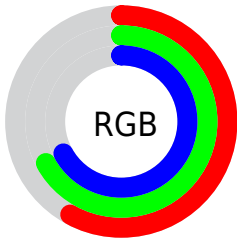
Format	Color
RYB	148, 160, 172
Decimal	9743532
CIELab	68.59, -8.27, -2.79
CIELCh	69, 8.725, 198.634
Yxy	38.7814, 0.2919, 0.3290
Android (android.graphics.Color)	4287933612 (0xFF94ACAC)
YUV	164.8240, 3.5378, -14.7546
Hunter-Lab	62.2747, -10.3516, 1.0400

Details

The YIQ color **164.8240, -14.3040, -5.0880** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155.1760, 14.3040, 5.0880**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.5250, -14.9000, -5.3000**, and **113.1230, -13.7080, -4.8760** is the 20% darker color. If you saturate the color by 10%, you get **159.7410, -24.4360, -8.6920**, and if you desaturate by 10%, it is **169.9070, -4.1720, -1.4840**.

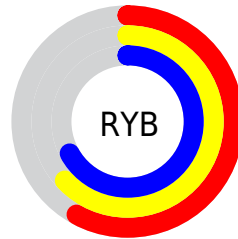
Distribution



Red (58%)

Green (67%)

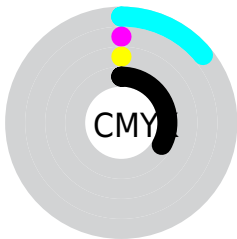
Blue (67%)



Red (58%)

Yellow (63%)

Blue (67%)

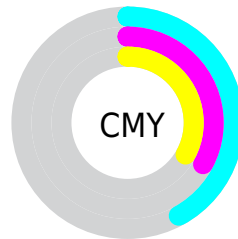


Cyan (14%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.8240, -14.3040, -5.0880 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 164.8240, -14.3040, -5.0880 by changing the saturation by 10% instead.

■ 164.8240,
-14.3040, -5.0880

■ 164.8240,
-14.3040, -5.0880

■ 255.0000, -0.0000,
-0.0000

■ 138.1230,
-13.7080, -4.8760

■ 219.5250,
-14.9000, -5.3000

■ 113.1230,
-13.7080, -4.8760

■ 247.5250,
-14.9000, -5.3000

■ 88.4220, -13.1120,
-4.6640

■ 64.7210, -12.5160,
-4.4520

■ 42.7210, -12.5160,
-4.4520

■ 21.4220, -13.1120,
-4.6640

■ 0.1140, -0.3210,

0.3110

■ 0.0000, 0.0000,
0.0000

■ 164.8240,
-14.3040, -5.0880

■ 164.8240,
-14.3040, -5.0880

■ 159.7410,
-24.4360, -8.6920

■ 169.9070, -4.1720,
-1.4840

■ 154.6580,
-34.5680, -12.2960

■ 174.9900, 5.9600,
2.1200

■ 149.2760,
-45.2960, -16.1120

■ 180.3720, 16.6880,
5.9360

■ 144.1930,
-55.4280, -19.7160

■ 185.4550, 26.8200,
9.5400

■ 139.1100,
-65.5600, -23.3200

■ 190.5380, 36.9520,
13.1440

■ 134.0270,
-75.6920, -26.9240

■ 195.6210, 47.0840,
16.7480

■ 128.9440,
-85.8240, -30.5280

■ 196.8170, 49.4680,
17.5960

■ 123.5620,
-96.5520, -34.3440

■ 120.5720,
-102.5120, -36.4640

Harmonies

Analogous

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



165.1080, -9.3520, -6.7280



164.8240, -14.3040, -5.0880



165.3340, -15.6800, -2.1760

Triad

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



164.8240, -14.3040, -5.0880



168.8850, 2.0620, 6.6860



167.6930, 11.0500, -2.0220

Complementary

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



164.8240, -14.3040, -5.0880



155.1760, 14.3040, 5.0880

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.



168.1820, 14.1670, 2.0630



164.8240, -14.3040, -5.0880



169.0060, 9.0310, 7.0390

Square

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



164.8240, -14.3040, -5.0880



167.5250, -5.7320, 4.7640



168.9910, 13.3870, 5.1870



166.4750, 5.7320, -4.7640

Rectangle

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



164.8240, -14.3040, -5.0880



166.2850, -13.9840, 0.1280



168.9910, 13.3870, 5.1870



167.8180, 12.1960, -0.7640

Sweetspot

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



164.8240, -14.3040, -5.0880



221.3090, -5.3640, -1.9080



162.0880, -6.6000, -12.5520



110.5050, -2.9800, -1.0600



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.



164.8240, -14.3040, -5.0880



212.6380, -22.6480, -8.0560



157.7800, -11.0040, 1.1880



84.3090, -5.3640, -1.9080



105.1500, -89.4000, -31.8000



16.1230, -13.7080, -4.8760

Inverse Universe

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



155.1760, 14.3040, 5.0880



197.3620, 22.6480, 8.0560



162.2200, 11.0040, -1.1880



80.6910, 5.3640, 1.9080



44.8500, 89.4000, 31.8000



6.8770, 13.7080, 4.8760

Previews

White Background



This preview shows how the YIQ color 164.8240, -14.3040, -5.0880 looks on a white background.

Color Contrast Check

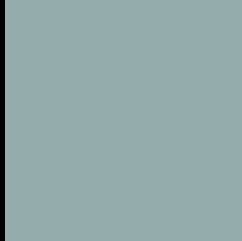
Large Text (above 18pt) WCAG AA × Fail

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 164.8240, -14.3040, -5.0880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

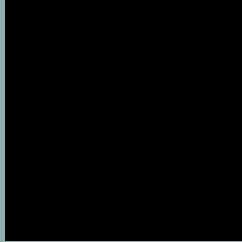
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

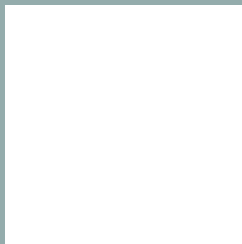
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 164.8240, -14.3040, -5.0880

Background



This preview shows how black text looks on a background with the YIQ color 164.8240, -14.3040, -5.0880.



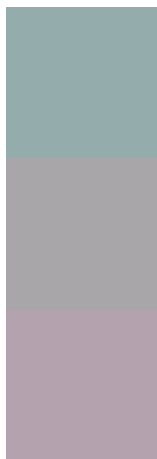
This preview shows how white text looks on a background with the YIQ color 164.8240, -14.3040, -5.0880.

-5.0880.

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

164.8240, -14.3040, -5.0880

Protanopia

167.2390, 0.8250, 1.5690

Deuteranopia

168.7500, 6.8760, 7.5480



Tritanopia

165.6160, -16.4140, 0.1140

Trichromacy



Original Color

164.8240, -14.3040, -5.0880

Protanomaly

166.1350, -4.8140, -0.8620

Deuteranomaly

167.3960, -1.0550, 2.6010

Tritanomaly

165.4480, -16.0010, -1.8650

Monochromacy



Original Color

164.8240, -14.3040, -5.0880

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.3090, -5.3640, -1.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.8240, -14.3040, -5.0880 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(148, 172, 172)` looks like.

```
.text, #text, p{  
    color:rgb(148, 172, 172)  
}
```

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(148, 172, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 172, 172) }
```

Border

The CSS property to change the border of an element to YIQ 164.8240, -14.3040, -5.0880 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(148, 172, 172) }
```


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

```
.border{ border-color:rgb(148, 172, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 172, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 172, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 172, 172);  
box-shadow:4px 4px 4px 4px rgb(148, 172,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 164.8240, -14.3040, -5.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 172, 172) }
```

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

```
.background{ background-color: rgb(148,  
172, 172) }
```

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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