

# Converting Colors

YIQ(58.1440, -9.0330, 4.0150)

Have a look what the booklet for  
YIQ(58.1440, -9.0330, 4.0150)  
contains.

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# Color

**YIQ(58.1440, -9.0330,  
4.0150)**

# Conversions

## Conversions Part 1

Format	Color
Hex	343A4B
RGB	52, 58, 75
RGB Percent	20%, 23%, 29%
CMY	0.7961, 0.7725, 0.7059
CMYK	0.31, 0.23, 0.00, 0.71
HSL	224°, 18%, 25%
HSV	224°, 31%, 29%
XYZ	4.1989, 4.2642, 7.2561
YIQ	58.1440, -9.0330, 4.0150

# Conversions

## Conversions Part 2

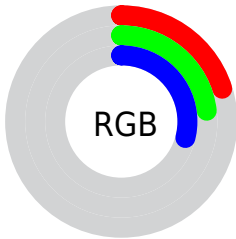
Format	Color
R <sub>Y</sub> B	52, 57, 75
Decimal	3422795
CIE Lab	24.53, 2.07, -11.21
CIE LCh	25, 11.402, 280.463
Yxy	4.2642, 0.2671, 0.2713
Android (android.graphics.Color)	4281612875 (0xFF343A4B)
YUV	58.1440, 8.3100, -5.3883
Hunter-Lab	20.6500, 0.1578, -6.3787

# Details

The YIQ color **58.1440, -9.0330, 4.0150** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **68.8560, 9.0330, -4.0150**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **105.3720, -9.6750, 4.6370**, and **14.7310, -9.3080, 3.4920** is the 20% darker color. If you saturate the color by 10%, you get **52.5290, -11.5550, 5.6690**, and if you desaturate by 10%, it is **63.7590, -6.5110, 2.3610**.

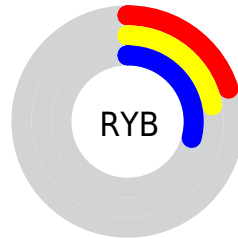
# Distribution



Red (20%)

Green (23%)

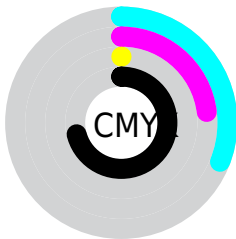
Blue (29%)



Red (20%)

Yellow (22%)

Blue (29%)

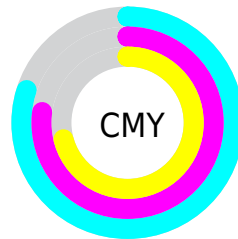


Cyan (31%)

Magenta (23%)

Yellow (0%)

Black (71%)



Cyan (80%)

Magenta (77%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 58.1440, -9.0330, 4.0150 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 58.1440, -9.0330, 4.0150 by changing the saturation by 10% instead.



■ 58.1440, -9.0330,  
4.0150

■ 58.1440, -9.0330,  
4.0150

■ 255.0000, -0.0000,  
-0.0000

■ 36.0300, -8.7120,  
3.7040

■ 105.3720, -9.6750,  
4.6370

■ 14.7310, -9.3080,  
3.4920

■ 130.4860, -9.9960,  
4.9480

■ 0.4560, -1.2840,  
1.2440

■ 156.4860, -9.9960,  
4.9480

■ 0.0000, 0.0000,  
0.0000

■ 183.6000,  
-10.3170, 5.2590

■ 211.3010,  
-10.9130, 5.0470

■ 239.0300, -8.7120,

3.7040

■ 58.1440, -9.0330,  
4.0150

■ 58.1440, -9.0330,  
4.0150

■ 52.5290, -11.5550,  
5.6690

■ 63.7590, -6.5110,  
2.3610

■ 47.2020, -14.9480,  
6.5880

■ 69.0860, -3.1180,  
1.4420

■ 41.5870, -17.4700,  
8.2420

■ 74.7010, -0.5960,  
-0.2120

■ 36.2600, -20.8630,  
9.1610

■ 80.0280, 2.7970,  
-1.1310

■ 30.6450, -23.3850,  
10.8150

■ 85.6430, 5.3190,  
-2.7850

■ 25.3180, -26.7780,  
11.7340

■ 90.9700, 8.7120,  
-3.7040

■ 20.2900, -29.5750,  
12.8650

■ 96.5850, 11.2340,  
-5.3580

■ 101.9120, 14.6270,  
-6.2770

■ 107.5270, 17.1490,  
-7.9310

# Harmonies

## Analogous

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



56.5020, -16.0930, -0.1970



58.1440, -9.0330, 4.0150



59.2160, -0.3680, 6.6720

# Triad

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



58.1440, -9.0330, 4.0150



59.0080, 14.7170, 3.1090



55.4670, -8.9850, -7.8730

# Complementary

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



58.1440, -9.0330, 4.0150



68.8560, 9.0330, -4.0150

# 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.



56.4850, -0.2280, -6.8840



58.1440, -9.0330, 4.0150



58.5900, 12.8380, -1.3860

# Square

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



58.1440, -9.0330, 4.0150



59.5180, 13.3410, 6.0210



57.8450, 7.5660, -4.9620



54.4000, -16.0460, -6.5580



# Rectangle

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



58.1440, -9.0330, 4.0150



59.3800, 5.0420, 7.7460



57.8450, 7.5660, -4.9620



55.5490, -6.2800, -7.3360

# Sweetspot

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



58.1440, -9.0330, 4.0150



90.2000, -3.4390, 1.7530



67.4390, -11.7820, -6.7420



44.7440, -2.1550, 0.5090



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000



# Same Dimension

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



58.1440, -9.0330, 4.0150



70.3870, -14.0310, 6.4890



56.1170, -4.4030, 8.2130



35.0430, -1.5590, 0.7210



27.4770, -40.1670, 17.6010



61.4400, -90.3300, 40.1500



# Inverse Universe

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



59.5610, 11.7820, 6.7420



72.7900, 18.5670, 10.4310



70.8830, 4.4030, -8.2130



35.3100, 2.0630, 1.1590



33.5760, 52.1250, 30.0210

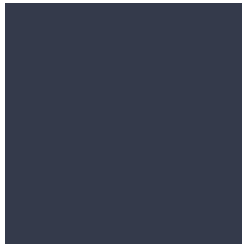


75.6100, 117.8200, 67.4200



# Previews

## White Background



This preview shows how the YIQ color 58.1440, -9.0330, 4.0150 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

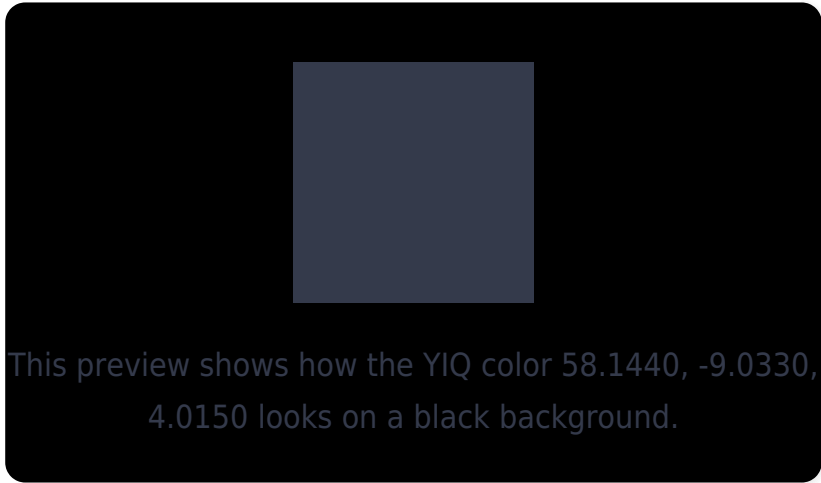
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

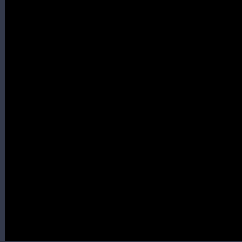
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

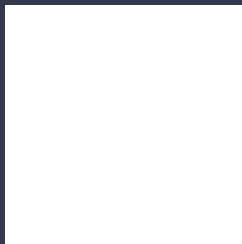
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 58.1440, -9.0330, 4.0150**

## **Background**



This preview shows how black text looks on a background with the YIQ color 58.1440, -9.0330, 4.0150.



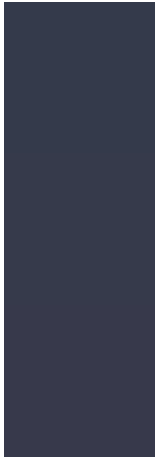
This preview shows how white text looks on a background with the YIQ color 58.1440, -9.0330,



# 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

58.1440, -9.0330, 4.0150

### Protanopia

58.7420, -7.8410, 4.4390

### Deuteranopia

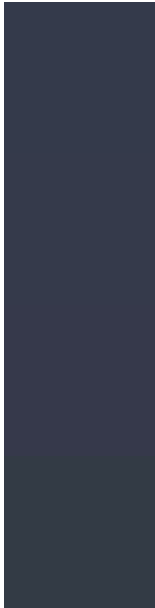
58.4540, -6.9700, 5.1740



## Tritanopia

57.5800, -7.5650, -0.5650

# Trichromacy



## Original Color

58.1440, -9.0330, 4.0150

## Protanomaly

58.4430, -8.4370, 4.2270

## Deuteranomaly

58.1550, -7.5660, 4.9620

## Tritanomaly

57.7480, -7.9780, 1.4140

# Monochromacy



## Original Color

58.1440, -9.0330, 4.0150

## Achromatopsia

58.0000, -0.0000, 0.0000

## Achromatomaly

58.0860, -3.1180, 1.4420

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 58.1440, -9.0330, 4.0150 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(52, 58, 75)` looks like.

```
.text, #text, p{  
    color:rgb(52, 58, 75)  
}
```

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(52, 58, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 58, 75) }
```

## Border

The CSS property to change the border of an element to YIQ 58.1440, -9.0330, 4.0150 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(52, 58, 75) }
```



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

```
.border{ border-color:rgb(52, 58, 75) }
```

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

Here you see how a box with a 4 pixel rgb(52, 58, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 58, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 58, 75);  
box-shadow:4px 4px 4px 4px rgb(52, 58, 75)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 58.1440, -9.0330, 4.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 58, 75) }
```

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

```
.background{ background-color: rgb(52, 58,  
75) }
```

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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