

Converting Colors

YIQ(59.0340, -14.5350, 4.6090)

Have a look what the booklet for
YIQ(59.0340, -14.5350, 4.6090)
contains.

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Color

**YIQ(59.0340, -14.5350,
4.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	303C53
RGB	48, 60, 83
RGB Percent	19%, 24%, 33%
CMY	0.8118, 0.7647, 0.6746
CMYK	0.42, 0.28, 0.00, 0.67
HSL	219°, 27%, 26%
HSV	219°, 42%, 33%
XYZ	4.3955, 4.4848, 8.8137
YIQ	59.0340, -14.5350, 4.6090

Conversions

Conversions Part 2

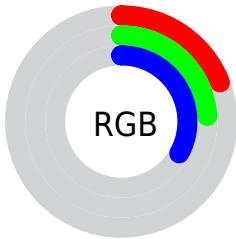
Format	Color
R_{YB}	48, 57, 83
Decimal	3161171
CIE _{Lab}	25.21, 1.83, -15.46
CIE _{LCh}	25, 15.566, 276.738
Yxy	4.4848, 0.2484, 0.2535
Android (android.graphics.Color)	4281351251 (0xFF303C53)
YUV	59.0340, 11.8152, -9.6768
Hunter-Lab	21.1773, -0.0116, -9.8516

Details

The YIQ color **59.0340, -14.5350, 4.6090** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **71.9660, 14.5350, -4.6090**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **106.6750, -14.9020, 5.7540**, and **15.7950, -15.3600, 3.0400** is the 20% darker color. If you saturate the color by 10%, you get **53.7070, -17.9280, 5.5280**, and if you desaturate by 10%, it is **64.3610, -11.1420, 3.6900**.

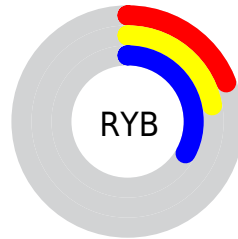
Distribution



Red (19%)

Green (24%)

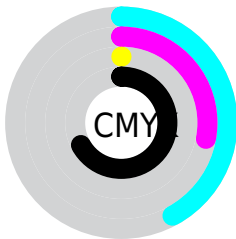
Blue (33%)



Red (19%)

Yellow (22%)

Blue (33%)

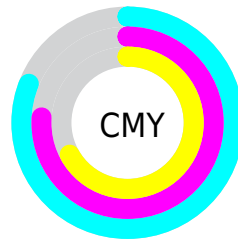


Cyan (42%)

Magenta (28%)

Yellow (0%)

Black (67%)



Cyan (81%)

Magenta (76%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.0340, -14.5350, 4.6090 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 59.0340, -14.5350, 4.6090 by changing the saturation by 10% instead.

■ 59.0340, -14.5350,
4.6090

■ 59.0340, -14.5350,
4.6090

■ 255.0000, -0.0000,
-0.0000

■ 36.6210, -14.8100,
4.0860

■ 106.6750,
-14.9020, 5.7540

■ 15.7950, -15.3600,
3.0400

■ 131.7890,
-15.2230, 6.0650

■ 2.4110, -5.4110,
4.4530

■ 157.9030,
-15.5440, 6.3760

■ 0.0000, 0.0000,
0.0000

■ 184.9030,
-15.5440, 6.3760

■ 212.7180,
-16.4610, 6.4750

■ 239.0080,

-11.6460, 1.8100

■ 59.0340, -14.5350,
4.6090

■ 59.0340, -14.5350,
4.6090

■ 53.7070, -17.9280,
5.5280

■ 64.3610, -11.1420,
3.6900

■ 47.4940, -21.6420,
6.7580

■ 70.5740, -7.4280,
2.4600

■ 42.1670, -25.0350,
7.6770

■ 75.9010, -4.0350,
1.5410

■ 36.2530, -28.1530,
9.1190

■ 81.8150, -0.9170,
0.0990

■ 30.9260, -31.5460,
10.0380

■ 87.1420, 2.4760,
-0.8200

■ 25.8980, -34.3430,
11.1690

■ 93.3550, 6.1900,
-2.0500

■ 98.6820, 9.5830,
-2.9690

■ 104.5960, 12.7010,
-4.4110

■ 110.2220, 16.6900,
-5.1180

Harmonies

Analogous

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



55.1850, -25.4460, -1.3980



59.0340, -14.5350, 4.6090



61.3130, -2.0190, 9.0610

Triad

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



59.0340, -14.5350, 4.6090



60.2860, 19.8060, 4.4940



55.5160, -10.6810, -10.1770

Complementary

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



59.0340, -14.5350, 4.6090



71.9660, 14.5350, -4.6090

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.



57.2030, 0.5060, -9.1740



59.0340, -14.5350, 4.6090



59.9280, 17.6980, -1.3580

Square

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



59.0340, -14.5350, 4.6090



61.3660, 16.8250, 8.9610



58.7590, 10.6840, -6.4040



53.2850, -23.1520, -9.9360

Rectangle

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



59.0340, -14.5350, 4.6090



61.5590, 6.0960, 10.6720



58.7590, 10.6840, -6.4040



56.3700, -7.3340, -10.2620

Sweetspot

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



59.0340, -14.5350, 4.6090



97.5310, -5.8690, 1.7390



71.1670, -17.0080, -11.1520



47.7870, -3.7140, 1.2300



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



59.0340, -14.5350, 4.6090



69.4230, -22.8800, 7.1680



53.4850, -8.2550, 11.9450



38.0430, -1.5590, 0.7210



33.1020, -43.6050, 13.8270



73.4080, -96.4720, 30.3120

Inverse Universe

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



59.8330, 17.0080, 11.1520



70.6110, 26.6810, 17.5690



77.5150, 8.2550, -11.9450



38.3100, 2.0630, 1.1590



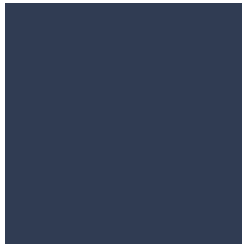
35.4990, 51.0240, 33.4560



78.4880, 112.5920, 74.0640

Previews

White Background



This preview shows how the YIQ color 59.0340, -14.5350, 4.6090 looks on a white background.

Color Contrast Check

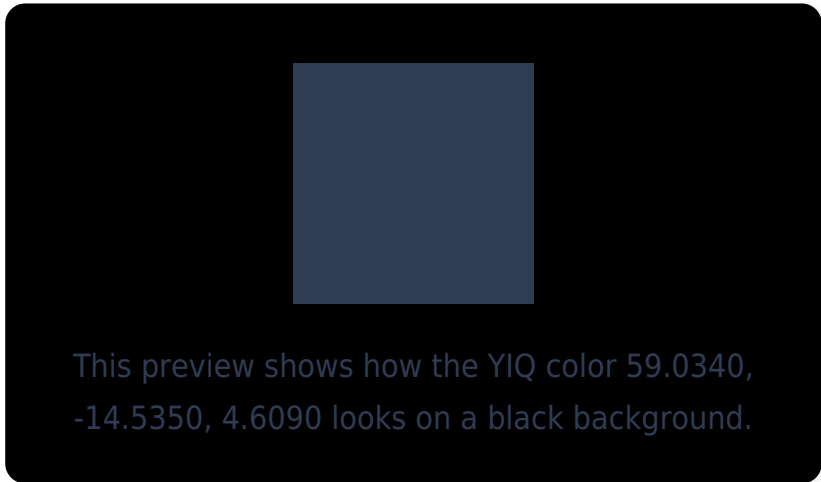
Large Text (above 18pt) WCAG AA ✓ Pass

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

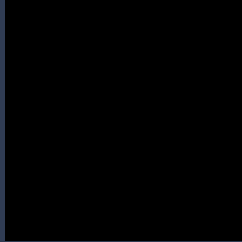
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

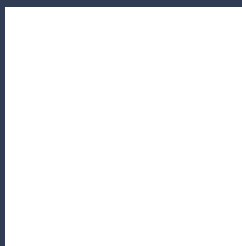
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 59.0340, -14.5350, 4.6090

Background



This preview shows how black text looks on a background with the YIQ color 59.0340, -14.5350, 4.6090.

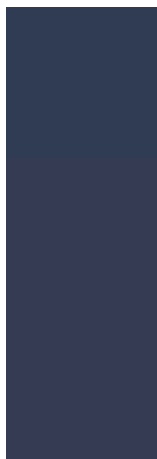


This preview shows how white text looks on a background with the YIQ color 59.0340, -14.5350,

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

59.0340, -14.5350, 4.6090

Protanopia

59.8280, -10.9590, 5.8810

Deuteranopia

59.6430, -11.8760, 5.9800



Tritanopia

57.8890, -12.9290, -2.4730

Trichromacy



Original Color

59.0340, -14.5350, 4.6090

Protanomaly

59.2300, -12.1510, 5.4570

Deuteranomaly

59.3440, -12.4720, 5.7680

Tritanomaly

58.1710, -13.6630, -0.1830

Monochromacy



Original Color

59.0340, -14.5350, 4.6090

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.8300, -5.2730, 1.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.0340, -14.5350, 4.6090 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(48, 60, 83)` looks like.

```
.text, #text, p{  
    color:rgb(48, 60, 83)  
}
```

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(48, 60, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 60, 83) }
```

Border

The CSS property to change the border of an element to YIQ 59.0340, -14.5350, 4.6090 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(48, 60, 83) }
```


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

```
.border{ border-color:rgb(48, 60, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 60, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 60, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 60, 83);  
box-shadow:4px 4px 4px 4px rgb(48, 60, 83)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.0340, -14.5350, 4.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 60, 83) }
```

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

```
.background{ background-color: rgb(48, 60,  
83) }
```

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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