

Converting Colors

YIQ(58.4430, -8.4370, 4.2270)

Have a look what the booklet for
YIQ(58.4430, -8.4370, 4.2270)
contains.

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Color

**YIQ(58.4430, -8.4370,
4.2270)**

Conversions

Conversions Part 1

Format	Color
Hex	353A4B
RGB	53, 58, 75
RGB Percent	21%, 23%, 29%
CMY	0.7922, 0.7725, 0.7059
CMYK	0.29, 0.23, 0.00, 0.71
HSL	226°, 17%, 25%
HSV	226°, 29%, 29%
XYZ	4.2509, 4.2910, 7.2587
YIQ	58.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

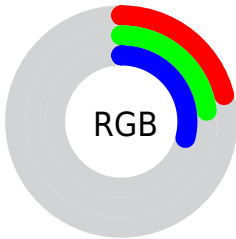
Format	Color
R_{YB}	53, 57, 75
Decimal	3488331
CIE _{Lab}	24.61, 2.43, -11.08
CIE _{LCh}	25, 11.340, 282.389
Yxy	4.2910, 0.2690, 0.2716
Android (android.graphics.Color)	4281678411 (0xFF353A4B)
YUV	58.4430, 8.1626, -4.7735
Hunter-Lab	20.7148, 0.3794, -6.2754

Details

The YIQ color **58.4430, -8.4370, 4.2270** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **69.5570, 8.4370, -4.2270**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **105.6710, -9.0790, 4.8490**, and **15.3290, -8.1160, 3.9160** is the 20% darker color. If you saturate the color by 10%, you get **52.8280, -10.9590, 5.8810**, and if you desaturate by 10%, it is **64.0580, -5.9150, 2.5730**.

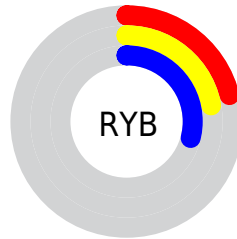
Distribution



 Red (21%)

 Green (23%)

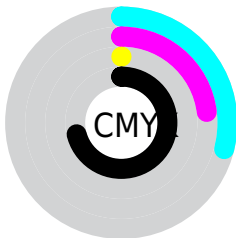
 Blue (29%)




 Red (21%)

 Yellow (22%)

 Blue (29%)

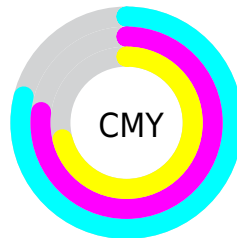



 Cyan (29%)

 Magenta (23%)

 Yellow (0%)

 Black (71%)



 Cyan (79%)

 Magenta (77%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.4430, -8.4370, 4.2270 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 58.4430, -8.4370, 4.2270 by changing the saturation by 10% instead.

■ 58.4430, -8.4370,
4.2270

■ 58.4430, -8.4370,
4.2270

■ 255.0000, -0.0000,
-0.0000

■ 36.3290, -8.1160,
3.9160

■ 105.6710, -9.0790,
4.8490

■ 15.3290, -8.1160,
3.9160

■ 130.7850, -9.4000,
5.1600

■ 0.4560, -1.2840,
1.2440

■ 156.7850, -9.4000,
5.1600

■ 0.0000, 0.0000,
0.0000

■ 183.8990, -9.7210,
5.4710

■ 211.8990, -9.7210,
5.4710

■ 239.3290, -8.1160,

3.9160

■ 58.4430, -8.4370,
4.2270

■ 58.4430, -8.4370,
4.2270

■ 52.8280, -10.9590,
5.8810

■ 64.0580, -5.9150,
2.5730

■ 46.9140, -14.0770,
7.3230

■ 69.9720, -2.7970,
1.1310

■ 41.8860, -16.8740,
8.4540

■ 75.0000, -0.0000,
-0.0000

■ 35.9720, -19.9920,
9.8960

■ 80.9140, 3.1180,
-1.4420

■ 30.3570, -22.5140,
11.5500

■ 86.5290, 5.6400,
-3.0960

■ 24.4430, -25.6320,
12.9920

■ 92.4430, 8.7580,
-4.5380

■ 18.8280, -28.1540,
14.6460

■ 98.0580, 11.2800,
-6.1920

■ 18.5290, -28.7500,
14.4340

■ 103.3850, 14.6730,
-7.1110

■ 109.0000, 17.1950,
-8.7650

Harmonies

Analogous

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



56.8010, -15.4970, 0.0150



58.4430, -8.4370, 4.2270



59.5150, 0.2280, 6.8840

Triad

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



58.4430, -8.4370, 4.2270



59.4810, 14.7630, 2.2750



55.5810, -9.3060, -7.5620

Complementary

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



58.4430, -8.4370, 4.2270



69.5570, 8.4370, -4.2270

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.



56.5990, -0.5490, -6.5730



58.4430, -8.4370, 4.2270



58.2910, 12.2420, -1.5980

Square

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



58.4430, -8.4370, 4.2270



59.5180, 13.3410, 6.0210



57.6600, 6.6490, -4.8630



54.5140, -16.3670, -6.2470

Rectangle

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



58.4430, -8.4370, 4.2270



59.5650, 5.9590, 7.6470



57.6600, 6.6490, -4.8630



55.5490, -6.2800, -7.3360

Sweetspot

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



58.4430, -8.4370, 4.2270



90.2000, -3.4390, 1.7530



67.8520, -11.5070, -6.2190



44.1570, -1.8800, 1.0320



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.



58.4430, -8.4370, 4.2270



71.5720, -13.1140, 6.3900



57.3020, -3.4860, 8.1140



35.0430, -1.5590, 0.7210



25.1290, -39.0670, 19.6930



56.7440, -88.1300, 44.3340

Inverse Universe

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



60.1480, 11.5070, 6.2190



74.0780, 17.6960, 9.6960



70.6980, 3.4860, -8.1140



35.3100, 2.0630, 1.1590



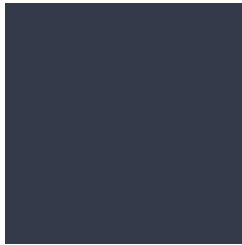
33.1200, 53.4090, 28.7770



74.6980, 120.3880, 64.9320

Previews

White Background



This preview shows how the YIQ color 58.4430, -8.4370, 4.2270 looks on a white background.

Color Contrast Check

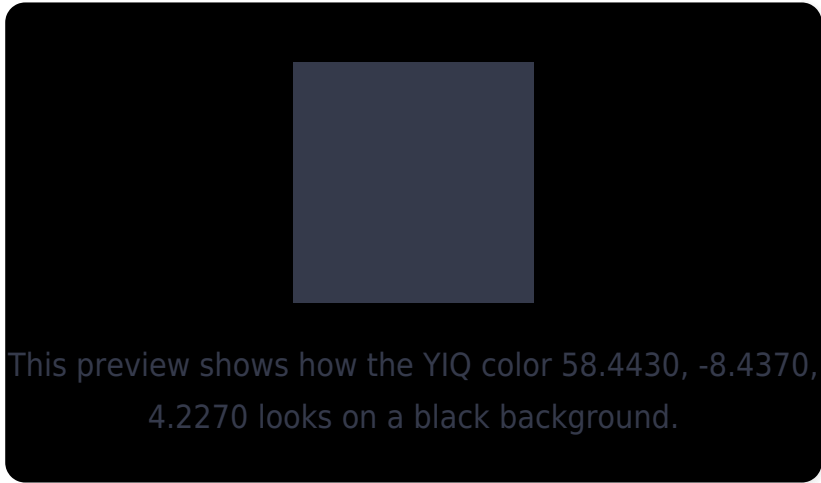
Large Text (above 18pt) WCAG AA ✓ Pass

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

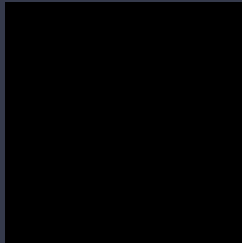
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

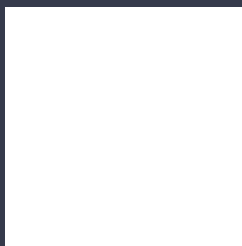
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 58.4430, -8.4370, 4.2270

Background



This preview shows how black text looks on a background with the YIQ color 58.4430, -8.4370, 4.2270.



This preview shows how white text looks on a background with the YIQ color 58.4430, -8.4370,

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

58.4430, -8.4370, 4.2270

Protanopia

58.7420, -7.8410, 4.4390

Deuteranopia

58.4540, -6.9700, 5.1740



Tritanopia

57.8790, -6.9690, -0.3530

Trichromacy



Original Color

58.4430, -8.4370, 4.2270

Protanomaly

58.7420, -7.8410, 4.4390

Deuteranomaly

58.1550, -7.5660, 4.9620

Tritanomaly

58.0470, -7.3820, 1.6260

Monochromacy



Original Color

58.4430, -8.4370, 4.2270

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 58.4430, -8.4370, 4.2270 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(53, 58, 75)` looks like.

```
.text, #text, p{  
    color:rgb(53, 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(53, 58, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 58, 75) }
```

Border

The CSS property to change the border of an element to YIQ 58.4430, -8.4370, 4.2270 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(53, 58, 75) }
```


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

```
.border{ border-color:rgb(53, 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(53, 58, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 58, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 58, 75);  
box-shadow:4px 4px 4px 4px rgb(53, 58, 75)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.4430, -8.4370, 4.2270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 58, 75) }
```

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

```
.background{ background-color: rgb(53, 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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