

Converting Colors

YIQ(57.9130, 4.8590, 5.5550)

Have a look what the booklet for
YIQ(57.9130, 4.8590, 5.5550)
contains.

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Color

YIQ(57.9130, 4.8590, 5.5550)

Conversions

Conversions Part 1

Format	Color
Hex	42353E
RGB	66, 53, 62
RGB Percent	26%, 21%, 24%
CMY	0.7411, 0.7922, 0.7568
CMYK	0.00, 0.20, 0.06, 0.74
HSL	318°, 11%, 23%
HSV	318°, 20%, 26%
XYZ	4.3898, 4.0521, 5.1086
YIQ	57.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

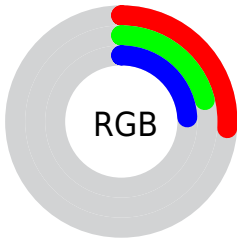
Format	Color
R_{YB}	66, 53, 62
Decimal	4339006
CIE Lab	23.84, 7.66, -3.44
CIE LCh	24, 8.394, 335.806
Yxy	4.0521, 0.3240, 0.2990
Android (android.graphics.Color)	4282529086 (0xFF42353E)
YUV	57.9130, 2.0149, 7.0923
Hunter-Lab	20.1299, 3.6992, -0.9560

Details

The YIQ color **57.9130, 4.8590, 5.5550** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **61.0870, -4.8590, -5.5550**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **105.2120, 5.4550, 5.7670**, and **14.1520, 5.6840, 7.1240** is the 20% darker color. If you saturate the color by 10%, you get **53.5760, 7.4260, 8.5940**, and if you desaturate by 10%, it is **62.2500, 2.2920, 2.5160**.

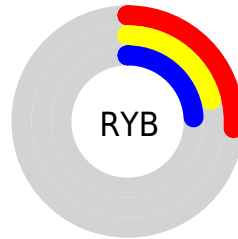
Distribution



Red (26%)

Green (21%)

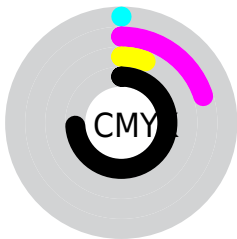
Blue (24%)



Red (26%)

Yellow (21%)

Blue (24%)

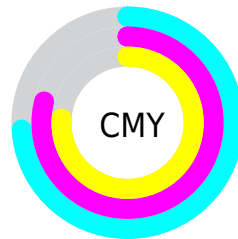


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (74%)



Cyan (74%)

Magenta (79%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.9130, 4.8590, 5.5550 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 57.9130, 4.8590, 5.5550 by changing the saturation by 10% instead.

■ 57.9130, 4.8590,
5.5550

■ 57.9130, 4.8590,
5.5550

■ 255.0000, -0.0000,
-0.0000

■ 36.5000, 4.5840,
5.0320

■ 105.2120, 5.4550,
5.7670

■ 14.1520, 5.6840,
7.1240

■ 130.6250, 5.7300,
6.2900

■ 0.0000, 0.0000,
0.0000

■ 156.0380, 6.0050,
6.8130

■ 183.0380, 6.0050,
6.8130

■ 211.0380, 6.0050,
6.8130

■ 239.3370, 6.6010,

7.0250

■ 57.9130, 4.8590,
5.5550

■ 57.9130, 4.8590,
5.5550

■ 53.5760, 7.4260,
8.5940

■ 62.2500, 2.2920,
2.5160

■ 49.8260, 9.7180,
11.1100

■ 66.0000, -0.0000,
-0.0000

■ 45.4890, 12.2850,
14.1490

■ 70.3370, -2.5670,
-3.0390

■ 41.7390, 14.5770,
16.6650

■ 74.0870, -4.8590,
-5.5550

■ 37.4020, 17.1440,
19.7040

■ 78.4240, -7.4260,
-8.5940

■ 33.0650, 19.7110,
22.7430

■ 82.7610, -9.9930,
-11.6330

■ 29.3150, 22.0030,
25.2590

■ 86.5110, -12.2850,
-14.1490

■ 24.9780, 24.5700,
28.2980

■ 90.8480, -14.8520,
-17.1880

■ 94.5980, -17.1440,
-19.7040

Harmonies

Analogous

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



57.5640, -1.4680, 4.5800



57.9130, 4.8590, 5.5550



57.8380, 9.4440, 5.0600

Triad

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



57.9130, 4.8590, 5.5550



56.4150, 5.9610, -3.4070



54.4760, -13.2040, -2.9960

Complementary

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



57.9130, 4.8590, 5.5550



61.0870, -4.8590, -5.5550

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.



54.0910, -10.6820, -4.6500



57.9130, 4.8590, 5.5550



55.7240, 0.5970, -5.3150

Square

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



57.9130, 4.8590, 5.5550



57.1490, 9.7660, -0.7780



54.7880, -5.4550, -5.7670



55.5410, -11.8290, -0.3810

Rectangle

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



57.9130, 4.8590, 5.5550



57.9690, 10.4530, 3.2930



54.7880, -5.4550, -5.7670



54.2480, -12.5620, -3.6180

Sweetspot

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



57.9130, 4.8590, 5.5550



83.2500, 2.2920, 2.5160



55.6780, -1.7890, 4.8910



41.1250, 1.1460, 1.2580



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



57.9130, 4.8590, 5.5550



73.8750, 8.0220, 8.8060



57.2290, 6.7850, 3.6890



31.1250, 1.1460, 1.2580



36.6410, 36.3050, 41.4010



84.6460, 83.7490, 95.6930

Inverse Universe

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



57.9130, 4.8590, 5.5550



73.8750, 8.0220, 8.8060



61.7710, -6.7850, -3.6890



31.1250, 1.1460, 1.2580



36.6410, 36.3050, 41.4010



84.6460, 83.7490, 95.6930

Previews

White Background



This preview shows how the YIQ color 57.9130, 4.8590, 5.5550 looks on a white background.

Color Contrast Check

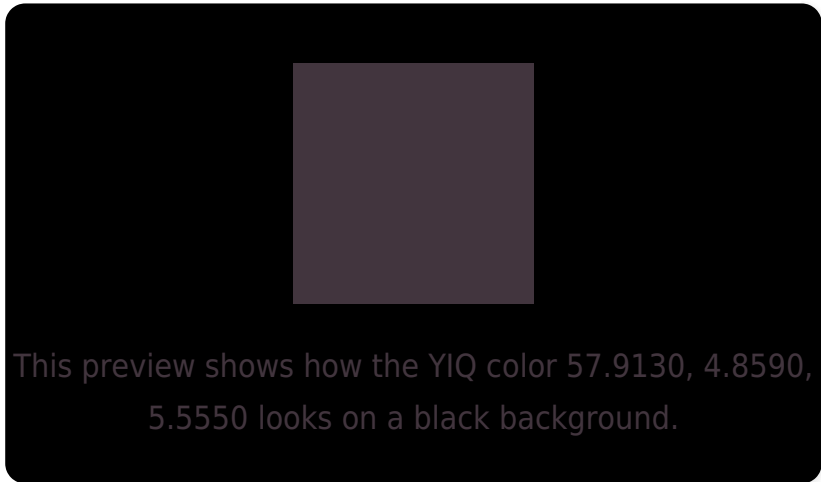
Large Text (above 18pt) WCAG AA ✓ Pass

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

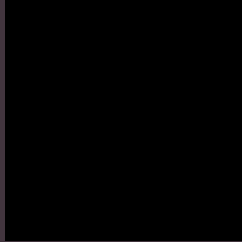
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.9130, 4.8590, 5.5550

Background



This preview shows how black text looks on a background with the YIQ color 57.9130, 4.8590, 5.5550.



This preview shows how white text looks on a background with the YIQ color 57.9130, 4.8590, 5.5550.

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

57.9130, 4.8590, 5.5550

Protanopia

56.9120, -2.5680, 2.4880

Deuteranopia

57.2930, 0.7330, 3.2370



Tritanopia

57.7450, 5.2720, 3.5760

Trichromacy



Original Color

57.9130, 4.8590, 5.5550

Protanomaly

57.4070, 0.4120, 3.5480

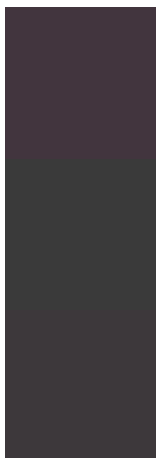
Deuteranomaly

57.3040, 2.2000, 4.1840

Tritanomaly

57.8590, 4.9510, 3.8870

Monochromacy



Original Color

57.9130, 4.8590, 5.5550

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.8370, 2.0170, 1.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.9130, 4.8590, 5.5550 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(66, 53, 62)` looks like.

```
.text, #text, p{  
    color:rgb(66, 53, 62)  
}
```

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(66, 53, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 53, 62) }
```

Border

The CSS property to change the border of an element to YIQ 57.9130, 4.8590, 5.5550 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(66, 53, 62) }
```

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

```
.border{ border-color:rgb(66, 53, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 53, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 53, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 53, 62);  
box-shadow:4px 4px 4px 4px rgb(66, 53, 62)  
}
```


Background

The CSS property to change the background color of an element to YIQ 57.9130, 4.8590, 5.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 53, 62) }
```

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

```
.background{ background-color: rgb(66, 53,  
62) }
```

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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