

Converting Colors

YIQ(57.7400, -4.3590, 18.4330)

Have a look what the booklet for
YIQ(57.7400, -4.3590, 18.4330)
contains.

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Color

**YIQ(57.7400, -4.3590,
18.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	412F5E
RGB	65, 47, 94
RGB Percent	25%, 18%, 37%
CMY	0.7450, 0.8157, 0.6314
CMYK	0.31, 0.50, 0.00, 0.63
HSL	263°, 33%, 28%
HSV	263°, 50%, 37%
XYZ	5.2172, 3.9648, 11.0768
YIQ	57.7400, -4.3590, 18.4330

Conversions

Conversions Part 2

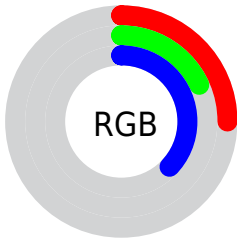
Format	Color
RYB	65, 47, 94
Decimal	4271966
CIELab	23.55, 19.53, -25.17
CIELCh	24, 31.854, 307.808
Yxy	3.9648, 0.2575, 0.1957
Android (android.graphics.Color)	4282462046 (0xFF412F5E)
YUV	57.7400, 17.8762, 6.3670
Hunter-Lab	19.9118, 11.9240, -19.0443

Details

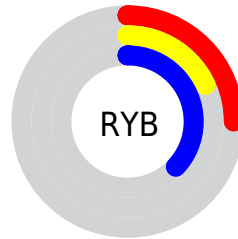
The YIQ color **57.7400, -4.3590, 18.4330** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **83.2600, 4.3590, -18.4330**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **105.2070, -4.1760, 20.6240**, and **12.3380, -3.1670, 18.8570** is the 20% darker color. If you saturate the color by 10%, you get **50.6630, -5.4600, 21.8680**, and if you desaturate by 10%, it is **64.8170, -3.2580, 14.9980**.

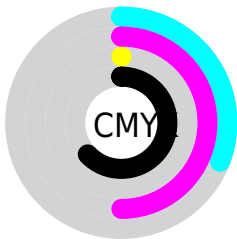
Distribution



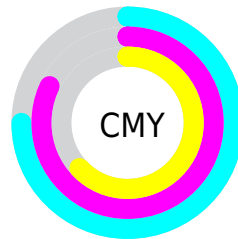
- Red (25%)
- Green (18%)
- Blue (37%)



- Red (25%)
- Yellow (18%)
- Blue (37%)



- Cyan (31%)
- Magenta (50%)
- Yellow (0%)
- Black (63%)



- Cyan (75%)
- Magenta (82%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.7400, -4.3590, 18.4330 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 57.7400, -4.3590, 18.4330 by changing the saturation by 10% instead.

■ 57.7400, -4.3590,
18.4330

■ 57.7400, -4.3590,
18.4330

■ 255.0000, -0.0000,
-0.0000

■ 35.8000, -4.5880,
17.0760

■ 105.2070, -4.1760,
20.6240

■ 12.3380, -3.1670,
18.8570

■ 130.6200, -3.9010,
21.1470

■ 3.5510, -8.6210,
7.5630

■ 157.1470, -3.9470,
21.9810

■ 0.0000, 0.0000,
0.0000

■ 183.9730, -3.3970,
23.0270

■ 211.9730, -3.3970,
23.0270

■ 237.0800, 6.1870,

14.5310

■ 57.7400, -4.3590,
18.4330

■ 57.7400, -4.3590,
18.4330

■ 50.6630, -5.4600,
21.8680

■ 64.8170, -3.2580,
14.9980

■ 42.9990, -6.2860,
25.8260

■ 72.4810, -2.4320,
11.0400

■ 36.2210, -6.7910,
29.4730

■ 79.2590, -1.9270,
7.3930

■ 28.5570, -7.6170,
33.4310

■ 86.9230, -1.1010,
3.4350

■ 21.4800, -8.7180,
36.8660

■ 94.0000, 0.0000,
0.0000

■ 101.0770, 1.1010,
-3.4350

■ 108.7410, 1.9270,
-7.3930

■ 115.5190, 2.4320,
-11.0400

■ 123.1830, 3.2580,
-14.9980

Harmonies

Analogous

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



48.4900, -42.1820, 4.5540



57.7400, -4.3590, 18.4330



57.1790, 19.3900, 23.0540

Triad

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



57.7400, -4.3590, 18.4330



53.7200, 32.7830, -4.9210



46.3970, -38.3270, -15.7590

Complementary

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



57.7400, -4.3590, 18.4330



83.2600, 4.3590, -18.4330

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.



42.9600, -30.0270, -23.0110



57.7400, -4.3590, 18.4330



52.5240, 21.2310, -15.8330

Square

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



57.7400, -4.3590, 18.4330



54.7890, 37.5030, 8.6630



49.7540, -0.0880, -20.4400



49.0190, -45.7100, -8.6060

Rectangle

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



57.7400, -4.3590, 18.4330



55.1000, 29.7980, 21.6540



49.7540, -0.0880, -20.4400



45.4850, -35.7590, -18.2470

Sweetspot

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



57.7400, -4.3590, 18.4330



108.1450, -1.6060, 7.0820



69.3810, -23.0620, -0.5500



52.4500, -1.1470, 4.2690



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



57.7400, -4.3590, 18.4330



65.6940, -6.7450, 28.6390



64.9160, 9.9450, 23.5210



42.1680, -0.4130, 1.9790



25.0980, -10.2780, 43.1140



54.2270, -21.8410, 92.9990

Inverse Universe

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



64.3590, 18.7030, 18.9830



75.9570, 29.0630, 29.4710



76.0840, -9.9450, -23.5210



42.8370, 2.0170, 1.9930



40.6420, 43.7320, 44.4680



87.5070, 94.3860, 95.6500

Previews

White Background



This preview shows how the YIQ color 57.7400, -4.3590, 18.4330 looks on a white background.

Color Contrast Check

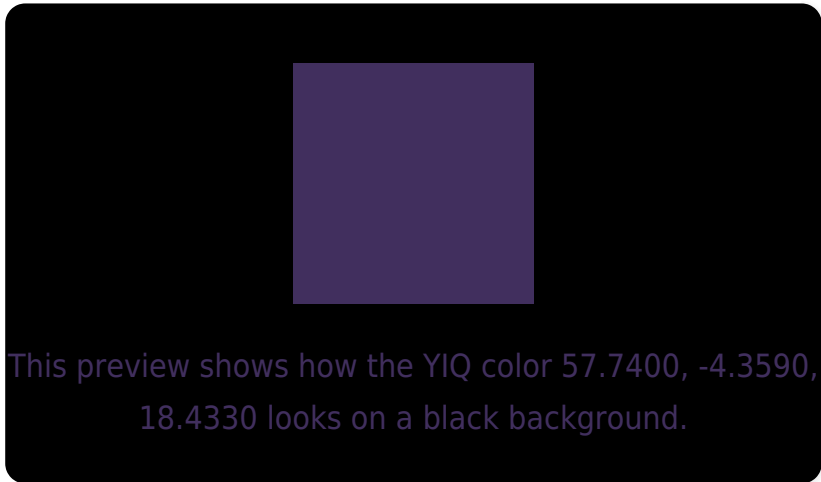
Large Text (above 18pt) WCAG AA ✓ Pass

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

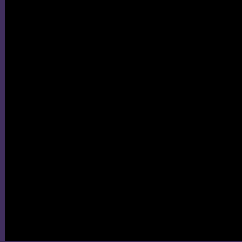
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.7400, -4.3590, 18.4330

Background



This preview shows how black text looks on a background with the YIQ color 57.7400, -4.3590, 18.4330.



This preview shows how white text looks on a background with the YIQ color 57.7400, -4.3590,

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

57.7400, -4.3590, 18.4330

Protanopia

54.0790, -27.6030, 10.1650

Deuteranopia

54.1130, -24.9430, 6.0090



Tritanopia

56.4670, 0.1830, 2.1910

Trichromacy



Original Color

57.7400, -4.3590, 18.4330

Protanomaly

55.2650, -19.2590, 13.1330

Deuteranomaly

55.1680, -17.6080, 10.7440

Tritanomaly

56.9710, -1.0560, 8.1280

Monochromacy



Original Color

57.7400, -4.3590, 18.4330

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.0310, -1.2850, 6.7710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.7400, -4.3590, 18.4330 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(65, 47, 94)` looks like.

```
.text, #text, p{  
    color:rgb(65, 47, 94)  
}
```

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(65, 47, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 47, 94) }
```

Border

The CSS property to change the border of an element to YIQ 57.7400, -4.3590, 18.4330 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(65, 47, 94) }
```


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

```
.border{ border-color:rgb(65, 47, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 47, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 47, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 47, 94);  
box-shadow:4px 4px 4px 4px rgb(65, 47, 94)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.7400, -4.3590, 18.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 47, 94) }
```

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

```
.background{ background-color: rgb(65, 47,  
94) }
```

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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