

Converting Colors

YIQ(57.7100, 4.3530, 14.7290)

Have a look what the booklet for
YIQ(57.7100, 4.3530, 14.7290)
contains.

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Color

**YIQ(57.7100, 4.3530,
14.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	472F4E
RGB	71, 47, 78
RGB Percent	28%, 18%, 31%
CMY	0.7215, 0.8157, 0.6941
CMYK	0.09, 0.40, 0.00, 0.69
HSL	286°, 25%, 25%
HSV	286°, 40%, 31%
XYZ	4.9912, 3.9226, 7.7015
YIQ	57.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

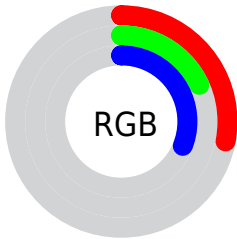
Format	Color
R_{YB}	71, 47, 78
Decimal	4665166
CIE _{Lab}	23.41, 17.35, -14.76
CIE _{LCh}	23, 22.776, 319.616
Yxy	3.9226, 0.3004, 0.2361
Android (android.graphics.Color)	4282855246 (0xFF472F4E)
YUV	57.7100, 10.0030, 11.6553
Hunter-Lab	19.8055, 10.3238, -9.1913

Details

The YIQ color **57.7100, 4.3530, 14.7290** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **67.2900, -4.3530, -14.7290**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **104.9490, 5.1780, 16.2980**, and **12.2480, 5.7740, 16.5100** is the 20% darker color. If you saturate the color by 10%, you get **52.4160, 5.3610, 18.4890**, and if you desaturate by 10%, it is **63.0040, 3.3450, 10.9690**.

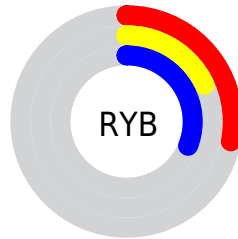
Distribution



 Red (28%)

 Green (18%)

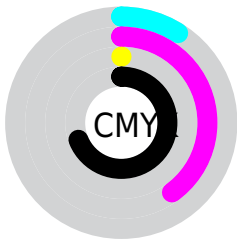
 Blue (31%)



 Red (28%)

 Yellow (18%)

 Blue (31%)

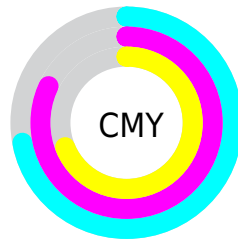


 Cyan (9%)

 Magenta (40%)

 Yellow (0%)

 Black (69%)



 Cyan (72%)

 Magenta (82%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.7100, 4.3530, 14.7290 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 57.7100, 4.3530, 14.7290 by changing the saturation by 10% instead.

■ 57.7100, 4.3530,
14.7290

■ 57.7100, 4.3530,
14.7290

■ 255.0000, -0.0000,
-0.0000

■ 35.8840, 3.8030,
13.6830

■ 104.9490, 5.1780,
16.2980

■ 12.2480, 5.7740,
16.5100

■ 130.3620, 5.4530,
16.8210

■ 0.9120, -2.5680,
2.4880

■ 156.7750, 5.7280,
17.3440

■ 0.0000, 0.0000,
0.0000

■ 183.8890, 5.4070,
17.6550

■ 211.3020, 5.6820,
18.1780

■ 237.9770, 7.9750,

15.1670

■ 57.7100, 4.3530,
14.7290

■ 57.7100, 4.3530,
14.7290

■ 52.4160, 5.3610,
18.4890

■ 63.0040, 3.3450,
10.9690

■ 47.4210, 6.9650,
22.4610

■ 68.2980, 2.3370,
7.2090

■ 42.7140, 7.6980,
25.6980

■ 72.7060, 1.0080,
3.7600

■ 37.4200, 8.7060,
29.4580

■ 78.0000, -0.0000,
-0.0000

■ 32.1260, 9.7140,
33.2180

■ 83.2940, -1.0080,
-3.7600

■ 26.8320, 10.7220,
36.9780

■ 88.5880, -2.0160,
-7.5200

■ 93.5830, -3.6200,
-11.4920

■ 98.2900, -4.3530,
-14.7290

■ 103.5840, -5.3610,
-18.4890

Harmonies

Analogous

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



56.0820, -14.4900, 9.3020



57.7100, 4.3530, 14.7290



56.8380, 18.6120, 15.1240

Triad

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



57.7100, 4.3530, 14.7290



54.8480, 20.6790, -5.8250



45.2060, -39.1070, -12.6350

Complementary

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



57.7100, 4.3530, 14.7290



67.2900, -4.3530, -14.7290

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.



44.3500, -30.9450, -17.3850



57.7100, 4.3530, 14.7290



52.9990, 9.7680, -11.8320

Square

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



57.7100, 4.3530, 14.7290



55.8260, 26.9130, 2.3450



50.6210, -6.7830, -14.7430



46.2150, -43.3260, -7.7580

Rectangle

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



57.7100, 4.3530, 14.7290



56.1930, 24.8020, 13.0740



50.6210, -6.7830, -14.7430



44.5220, -37.1810, -14.5010

Sweetspot

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



57.7100, 4.3530, 14.7290



94.0590, 1.5120, 5.6400



54.6430, -11.8760, 5.9800



46.2930, 0.7330, 3.2370



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



57.7100, 4.3530, 14.7290



69.9480, 6.9190, 23.2950



58.8910, 11.0930, 13.7250



35.3530, 0.5040, 1.8800



35.2490, 14.3420, 48.4700



79.4420, 32.2580, 109.2660

Inverse Universe

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



57.0670, 16.2290, 8.7490



68.9050, 25.6730, 13.8090



66.1090, -11.0930, -13.7250



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 57.7100, 4.3530, 14.7290 looks on a white background.

Color Contrast Check

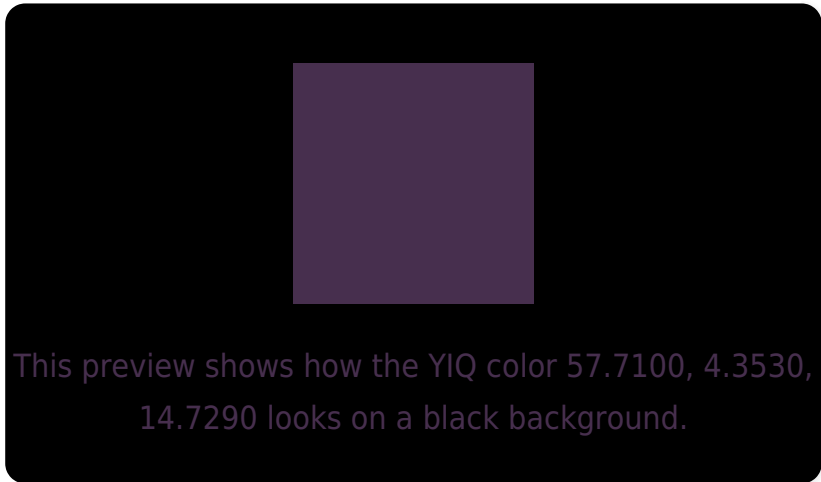
Large Text (above 18pt) WCAG AA ✓ Pass

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

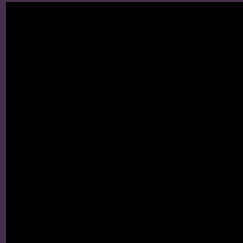
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.7100, 4.3530, 14.7290

Background



This preview shows how black text looks on a background with the YIQ color 57.7100, 4.3530, 14.7290.



This preview shows how white text looks on a background with the YIQ color 57.7100, 4.3530,

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

57.7100, 4.3530, 14.7290

Protanopia

55.7290, -14.9940, 7.4220

Deuteranopia

55.8990, -9.7210, 5.4710



Tritanopia

57.2400, 8.2520, 4.6360

Trichromacy



Original Color

57.7100, 4.3530, 14.7290

Protanomaly

56.3170, -7.8420, 9.9660

Deuteranomaly

56.6440, -4.4490, 9.0470

Tritanomaly

57.2770, 6.8300, 8.3820

Monochromacy



Original Color

57.7100, 4.3530, 14.7290

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.7100, 4.3530, 14.7290 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(71, 47, 78)` looks like.

```
.text, #text, p{  
    color:rgb(71, 47, 78)  
}
```

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(71, 47, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 47, 78) }
```

Border

The CSS property to change the border of an element to YIQ 57.7100, 4.3530, 14.7290 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(71, 47, 78) }
```


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

```
.border{ border-color:rgb(71, 47, 78) }
```

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

Here you see how a box with a 4 pixel rgb(71, 47, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 47, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 47, 78);  
box-shadow:4px 4px 4px 4px rgb(71, 47, 78)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.7100, 4.3530, 14.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 47, 78) }
```

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

```
.background{ background-color: rgb(71, 47,  
78) }
```

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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