

Converting Colors

YIQ(57.3140, -0.3370, 88.7430)

Have a look what the booklet for
YIQ(57.3140, -0.3370, 88.7430)
contains.

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Color

**YIQ(57.3140, -0.3370,
88.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	7000D1
RGB	112, 0, 209
RGB Percent	44%, 0%, 82%
CMY	0.5604, 1.0000, 0.1806
CMYK	0.46, 1.00, 0.00, 0.18
HSL	272°, 100%, 41%
HSV	272°, 100%, 82%
XYZ	18.1984, 8.0528, 60.8898
YIQ	57.3140, -0.3370, 88.7430

Conversions

Conversions Part 2

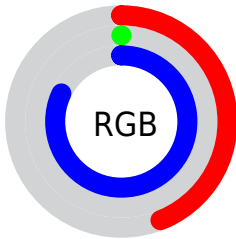
Format	Color
R_{YB}	112, 0, 209
Decimal	7340241
CIE _{Lab}	34.09, 72.27, -78.41
CIE _{LCh}	34, 106.632, 312.666
Yxy	8.0528, 0.2088, 0.0924
Android (android.graphics.Color)	4285530321 (0xFF7000D1)
YUV	57.3140, 74.7812, 47.9596
Hunter-Lab	28.3774, 64.8116, -107.3551

Details

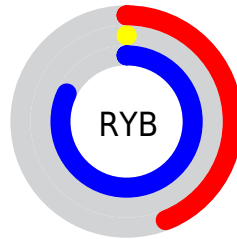
The YIQ color **57.3140, -0.3370, 88.7430** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **151.6860, 0.3370, -88.7430**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.4090, 0.3530, 76.2330**, and **30.8970, -22.2930, 57.1230** is the 20% darker color. If you saturate the color by 10%, you get **57.3140, -0.3370, 88.7430**, and if you desaturate by 10%, it is **72.6310, -0.1520, 79.8800**.

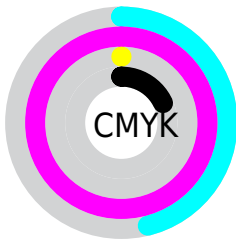
Distribution



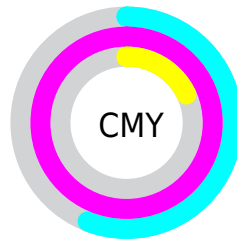
- Red (44%)
- Green (0%)
- Blue (82%)



- Red (44%)
- Yellow (0%)
- Blue (82%)



- Cyan (46%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)



- Cyan (56%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.3140, -0.3370, 88.7430 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 57.3140, -0.3370, 88.7430 by changing the saturation by 10% instead.

■ 57.3140, -0.3370,
88.7430

■ 57.3140, -0.3370,
88.7430

■ 255.0000, -0.0000,
-0.0000

■ 44.8530, -9.8250,
73.4630

■ 125.4090, 0.3530,
76.2330

■ 30.8970, -22.2930,
57.1230

■ 150.8150, 10.5330,
67.9490

■ 14.3640, -40.4460,
39.1860

■ 176.5200, 21.3090,
59.8770

■ 11.4000, -32.1000,
31.1000

■ 199.2350, 26.1250,
49.6850

■ 12.0720, -25.7250,
20.1870

■ 216.2580, 18.1500,
34.5180

■ 8.1620, -17.4710,
13.7690


■ 233.2810, 10.1750,


■ 4.4800, -9.8590,


19.3510


7.9730

 250.3040, 2.2000,
4.1840


 0.0000, 0.0000,
0.0000


 57.3140, -0.3370,
88.7430

 72.6310, -0.1520,
79.8800

 87.6490, -0.5630,
70.8050

 102.9660, -0.3780,
61.9420

 118.2830, -0.1930,
53.0790

 133.0130, 0.2670,
44.7390

■ 148.0310, -0.1440,
35.6640

■ 163.3480, 0.0410,
26.8010

■ 178.6650, 0.2260,
17.9380

■ 193.6830, -0.1850,
8.8630

Harmonies

Analogous

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



78.1500, -104.3130, 34.7510



57.3140, -0.3370, 88.7430



73.7660, 74.1230, 82.9150

Triad

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



57.3140, -0.3370, 88.7430



73.8350, 66.2520, -0.2440



76.0330, -66.6610, -19.8850

Complementary

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



57.3140, -0.3370, 88.7430



151.6860, 0.3370, -88.7430

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.



64.0290, -35.6160, -48.3840



57.3140, -0.3370, 88.7430



71.0910, 14.5400, -32.2440

Square

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



57.3140, -0.3370, 88.7430



56.2120, 112.0480, 39.8560



59.2870, -27.7750, -52.8230



87.0280, -93.4870, 3.7370

Rectangle

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



57.3140, -0.3370, 88.7430



72.5790, 101.9100, 69.4140



59.2870, -27.7750, -52.8230



72.6130, -57.0310, -29.2150

Sweetspot

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



57.3140, -0.3370, 88.7430



199.9230, 0.0400, 32.3280



81.3520, -94.0390, 13.7450



94.4200, -0.4620, 19.3940



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



57.3140, -0.3370, 88.7430



70.0330, -0.2030, 108.3490



85.5190, 59.7220, 107.1300



97.0480, 0.0450, 4.6930



46.0620, -0.2880, 71.3280



11.2520, -0.0490, 17.4150

Inverse Universe

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



73.5490, 93.4270, 74.4750



89.6970, 114.1020, 90.7580



123.4810, -59.7220, -107.1300



97.8590, 4.9510, 3.8870



59.1240, 75.0900, 59.8740



14.4250, 18.3370, 14.6010

Previews

White Background



This preview shows how the YIQ color 57.3140, -0.3370, 88.7430 looks on a white background.

Color Contrast Check

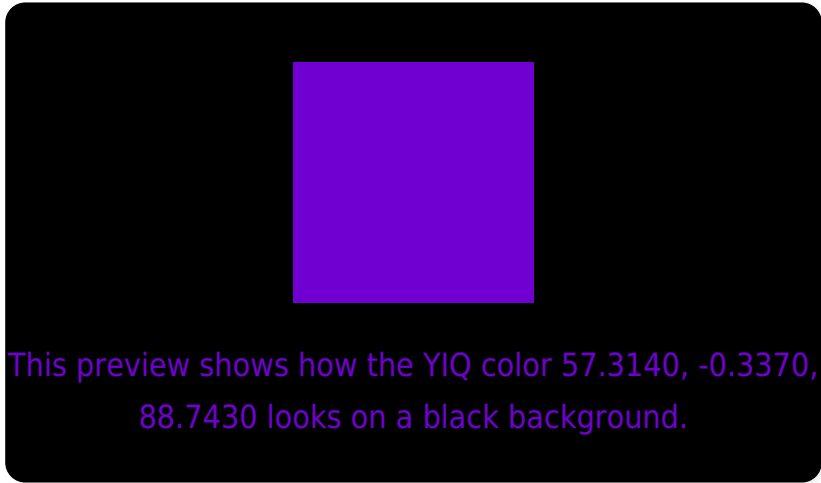
Large Text (above 18pt) WCAG AA ✓ Pass

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

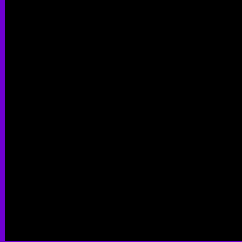
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.3140, -0.3370, 88.7430

Background



This preview shows how black text looks on a background with the YIQ color 57.3140, -0.3370, 88.7430.



This preview shows how white text looks on a background with the YIQ color 57.3140, -0.3370, 88.7430.

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

57.3140, -0.3370, 88.7430

Protanopia

65.4110, -75.3320, 10.6200

Deuteranopia

66.1970, -69.2780, 0.0180



Tritanopia

82.0970, -1.6510, 2.3890

Trichromacy



Original Color

57.3140, -0.3370, 88.7430

Protanomaly

62.3570, -47.7360, 39.1440

Deuteranomaly

62.9950, -44.0210, 32.3870

Tritanomaly

73.3790, -1.2440, 33.5720

Monochromacy



Original Color

57.3140, -0.3370, 88.7430

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9230, 0.0400, 32.3280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.3140, -0.3370, 88.7430 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(112, 0, 209)` looks like.

```
.text, #text, p{  
    color:rgb(112, 0, 209)  
}
```

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(112, 0, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 0, 209) }
```

Border

The CSS property to change the border of an element to YIQ 57.3140, -0.3370, 88.7430 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(112, 0, 209) }
```


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

```
.border{ border-color:rgb(112, 0, 209) }
```

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

Here you see how a box with a 4 pixel rgb(112, 0, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(112, 0,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 57.3140, -0.3370, 88.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 0, 209) }
```

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

```
.background{ background-color: rgb(112, 0,  
209) }
```

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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