

Converting Colors

YIQ(57.7600, -40.3600, 70.6800)

Have a look what the booklet for
YIQ(57.7600, -40.3600, 70.6800)
contains.

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Color

**YIQ(57.7600, -40.3600,
70.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	3F17DF
RGB	63, 23, 223
RGB Percent	25%, 9%, 87%
CMY	0.7527, 0.9099, 0.1258
CMYK	0.72, 0.90, 0.00, 0.13
HSL	252°, 81%, 48%
HSV	252°, 90%, 87%
XYZ	15.6680, 6.9941, 70.2795
YIQ	57.7600, -40.3600, 70.6800

Conversions

Conversions Part 2

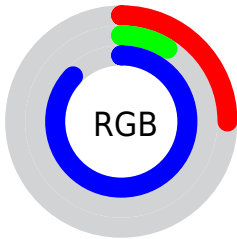
Format	Color
R _Y B	63, 23, 223
Decimal	4134879
CIE Lab	31.79, 68.15, -90.44
CIE LCh	32, 113.241, 306.998
Yxy	6.9941, 0.1686, 0.0753
Android (android.graphics.Color)	4282324959 (0xFF3F17DF)
YUV	57.7600, 81.4633, 4.5955
Hunter-Lab	26.4464, 59.4699, -139.0464

Details

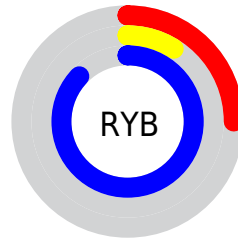
The YIQ color **57.7600, -40.3600, 70.6800** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **188.2400, 40.3600, -70.6800**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.3950, -23.3950, 66.0850**, and **18.9240, -53.2860, 51.6260** is the 20% darker color. If you saturate the color by 10%, you get **39.4640, -45.0380, 78.3700**, and if you desaturate by 10%, it is **76.0560, -35.6820, 62.9900**.

Distribution



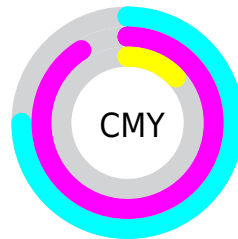
- Red (25%)
- Green (9%)
- Blue (87%)



- Red (25%)
- Yellow (9%)
- Blue (87%)



- Cyan (72%)
- Magenta (90%)
- Yellow (0%)
- Black (13%)



- Cyan (75%)
- Magenta (91%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.7600, -40.3600, 70.6800 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 57.7600, -40.3600, 70.6800 by changing the saturation by 10% instead.

■ 57.7600, -40.3600,
70.6800

■ 57.7600, -40.3600,
70.6800

■ 255.0000, -0.0000,
-0.0000

■ 22.1160, -62.2740,
60.3340

■ 116.3950,
-23.3950, 66.0850

■ 18.9240, -53.2860,
51.6260

■ 141.8120,
-11.7480, 58.7480

■ 15.8460, -44.6190,
43.2290

■ 167.2290, -0.1010,
51.4110

■ 12.7680, -35.9520,
34.8320

■ 192.3470, 10.9500,
43.8620

■ 16.8480, -30.9060,
20.4700

■ 216.2580, 18.1500,
34.5180

■ 10.5900, -21.5520,
16.1440


■ 233.2810, 10.1750,


■ 6.2070, -13.3440,


19.3510


10.5600


 250.3040, 2.2000,
4.1840


 2.5250, -5.7320,
4.7640


 0.0000, 0.0000,
0.0000


 57.7600, -40.3600,
70.6800


 57.7600, -40.3600,
70.6800


 39.4640, -45.0380,
78.3700

 76.0560, -35.6820,
62.9900

 38.8770, -44.7630,
78.8930

 94.9390, -31.2790,
54.7770

 113.2350,
-26.6010, 47.0870

 131.2320,
-22.5190, 39.1850

■ 149.5280,
-17.8410, 31.4950

■ 168.4110,
-13.4380, 23.2820

■ 186.7070, -8.7600,
15.5920

■ 205.0030, -4.0820,
7.9020

■ 223.5870, -0.2750,
-0.5230

Harmonies

Analogous

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



80.1390, -105.7800, 33.8040



57.7600, -40.3600, 70.6800



72.3720, 63.6690, 85.1490

Triad

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



57.7600, -40.3600, 70.6800



63.0140, 76.4740, 12.7460



70.1170, -58.2700, -23.2780

Complementary

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



57.7600, -40.3600, 70.6800



188.2400, 40.3600, -70.6800

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.



58.1130, -27.2250, -51.7770



57.7600, -40.3600, 70.6800



68.2000, 21.7830, -25.8410

Square

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



57.7600, -40.3600, 70.6800



57.7070, 115.0280, 40.9160



55.1780, -25.8500, -49.1620



82.0240, -87.6640, 2.8320

Rectangle

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



57.7600, -40.3600, 70.6800



72.8220, 96.9120, 71.8880



55.1780, -25.8500, -49.1620



65.8820, -47.7230, -32.7070

Sweetspot

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



57.7600, -40.3600, 70.6800



198.0520, -13.8050, 24.4270



139.7200, -108.2000, -21.4800



94.0660, -8.3930, 14.4470



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.



57.7600, -40.3600, 70.6800



44.3190, -51.4590, 90.1170



87.6600, 19.2400, 91.8800



102.8520, -2.3390, 3.8450



30.5290, -35.6360, 62.1560



8.4620, -9.4480, 17.0480

Inverse Universe

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



101.0400, 67.8400, 92.1600



99.5010, 86.4960, 117.5040



158.3400, -19.2400, -91.8800



105.3150, 3.6670, 5.1310



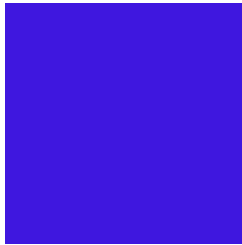
68.6980, 59.6350, 81.1630



18.7980, 16.0890, 22.3050

Previews

White Background



This preview shows how the YIQ color 57.7600, -40.3600, 70.6800 looks on a white background.

Color Contrast Check

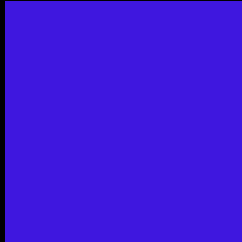
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 57.7600, -40.3600, 70.6800 looks on a 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 57.7600, -40.3600, 70.6800

Background



This preview shows how black text looks on a background with the YIQ color 57.7600, -40.3600, 70.6800.



This preview shows how white text looks on a background with the YIQ color 57.7600, -40.3600,

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

57.7600, -40.3600, 70.6800

Protanopia

59.5920, -68.5920, 9.6160

Deuteranopia

59.9050, -62.5840, -0.1520



Tritanopia

58.7530, -51.0730, -16.0410

Trichromacy



Original Color

57.7600, -40.3600, 70.6800

Protanomaly

58.8670, -58.2800, 31.9920

Deuteranomaly

58.9180, -54.2900, 25.7580

Tritanomaly

58.3020, -47.0440, 15.5800

Monochromacy



Original Color

57.7600, -40.3600, 70.6800

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.8070, -14.4930, 25.8830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.7600, -40.3600, 70.6800 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(63, 23, 223)` looks like.

```
.text, #text, p{  
    color:rgb(63, 23, 223)  
}
```

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(63, 23, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 23, 223) }
```

Border

The CSS property to change the border of an element to YIQ 57.7600, -40.3600, 70.6800 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(63, 23, 223) }
```


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

```
.border{ border-color:rgb(63, 23, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 23, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 23, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 23, 223);  
box-shadow:4px 4px 4px 4px rgb(63, 23,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 57.7600, -40.3600, 70.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 23, 223) }
```

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

```
.background{ background-color: rgb(63, 23,  
223) }
```

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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