

Converting Colors

YIQ(37.2700, -58.9310, 82.3570)

Have a look what the booklet for
YIQ(37.2700, -58.9310, 82.3570)
contains.

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Color

**YIQ(37.2700, -58.9310,
82.3570)**

Conversions

Conversions Part 1	
Format	Color
Hex	2000F3
RGB	32, 0, 243
RGB Percent	13%, 0%, 95%
CMY	0.8742, 1.0000, 0.0475
CMYK	0.87, 1.00, 0.00, 0.05
HSL	248°, 100%, 48%
HSV	248°, 100%, 95%
XYZ	16.7589, 6.7726, 85.1328
YIQ	37.2700, -58.9310, 82.3570

Conversions

Conversions Part 2

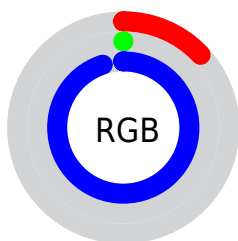
Format	Color
RYB	32, 0, 243
Decimal	2097395
CIELab	31.28, 76.57, -102.73
CIELCh	31, 128.123, 306.699
Yxy	6.7726, 0.1542, 0.0623
Android (android.graphics.Color)	4280287475 (0xFF2000F3)
YUV	37.2700, 101.4249, -4.6218
Hunter-Lab	26.0242, 69.4070, -175.7383

Details

The YIQ color **37.2700, -58.9310, 82.3570** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **205.7300, 58.9310, -82.3570**, and the grayscale version is **36.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **108.1220, -26.8800, 68.6720**, and **21.0900, -59.3850, 57.5350** is the 20% darker color. If you saturate the color by 10%, you get **37.2700, -58.9310, 82.3570**, and if you desaturate by 10%, it is **57.6370, -53.0150, 74.2570**.

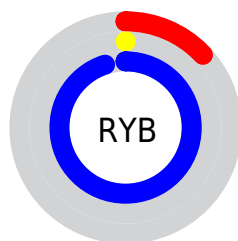
Distribution



Red (13%)

Green (0%)

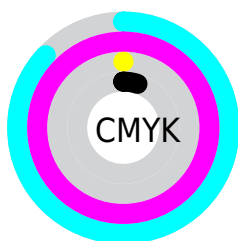
Blue (95%)



Red (13%)

Yellow (0%)

Blue (95%)

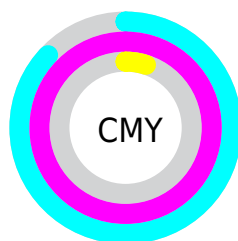


Cyan (87%)

Magenta (100%)

Yellow (0%)

Black (5%)



Cyan (87%)

Magenta (100%)


Yellow (5%)


Brightness & Saturation

Gradients


These gradients show how the YIQ color 37.2700, -58.9310, 82.3570 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 37.2700, -58.9310, 82.3570 by changing the saturation by 10% instead.


 37.2700, -58.9310,
82.3570


 37.2700, -58.9310,
82.3570


 255.0000, -0.0000,
-0.0000

 24.3960, -68.6940,
66.5540


 108.1220,
-26.8800, 68.6720


 21.0900, -59.3850,
57.5350


 134.1370,
-14.0410, 61.7590


 17.8980, -50.3970,
48.8270


 160.7390, -1.4770,
54.3230

 14.7060, -41.4090,
40.1190


 186.1560, 10.1700,
46.9860

 21.1340, -37.4630,
23.6650

 211.5620, 20.3500,
38.7020


 14.7620, -27.7880,
19.0280


 228.5850, 12.3750,


 9.0910, -18.7090,


23.5350


14.1790


 245.6080, 4.4000,
8.3680


 4.8220, -10.8220,
8.9060


 0.4560, -1.2840,
1.2440

 37.2700, -58.9310,
82.3570

 57.6370, -53.0150,
74.2570

 78.5910, -47.3740,
65.6340

 98.9580, -41.4580,
57.5340

 119.3250,
-35.5420, 49.4340

■ 139.6920,
-29.6260, 41.3340

■ 160.9450,
-23.3890, 32.9230

■ 181.3120,
-17.4730, 24.8230

■ 201.6790,
-11.5570, 16.7230

■ 222.6330, -5.9160,
8.1000

Harmonies

Analogous

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



81.9000, -106.6050, 32.2350



37.2700, -58.9310, 82.3570



76.6870, 67.3360, 90.2800

Triad

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



37.2700, -58.9310, 82.3570



54.5300, 84.1290, 22.6970



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.



37.2700, -58.9310, 82.3570



205.7300, 58.9310, -82.3570

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.



57.5260, -26.9500, -51.2540



37.2700, -58.9310, 82.3570



67.3030, 19.9950, -26.4770

Square

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



37.2700, -58.9310, 82.3570



60.9960, 121.5840, 43.2480



55.1780, -25.8500, -49.1620



83.9790, -91.7910, 6.0410

Rectangle

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



37.2700, -58.9310, 82.3570



77.2360, 104.6140, 75.4780



55.1780, -25.8500, -49.1620



65.5400, -46.7600, -33.6400

Sweetspot

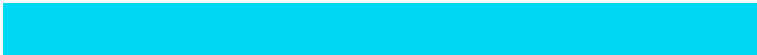
The Sweet Spot groups the original color and five complimentary colors.



37.2700, -58.9310, 82.3570



190.6540, -18.4360, 25.7560



153.9070, -137.1280, -36.8720



89.0380, -11.1900, 15.5780



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.



37.2700, -58.9310, 82.3570



39.2360, -61.5910, 86.5130



72.5520, 11.3970, 107.3730



111.9660, -2.6600, 4.1560



28.6790, -44.8060, 63.1460



9.1180, -14.1710, 20.0450

Inverse Universe

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



96.7110, 77.0970, 117.1370



101.4390, 81.0390, 122.7910



170.4480, -11.3970, -107.3730



114.8420, 3.6210, 5.9650



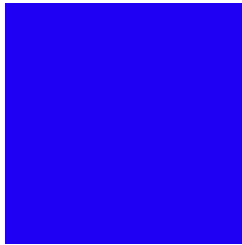
74.0820, 58.8540, 89.8140



23.4550, 18.7930, 28.3690

Previews

White Background



This preview shows how the YIQ color 37.2700, -58.9310, 82.3570 looks on a white background.

Color Contrast Check

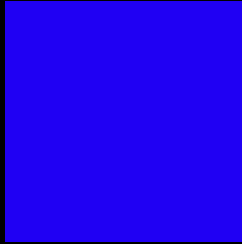
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2700, -58.9310, 82.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

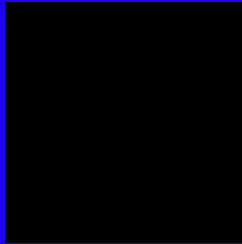
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.2700, -58.9310, 82.3570

Background



This preview shows how black text looks on a background with the YIQ color 37.2700, -58.9310, 82.3570.



This preview shows how white text looks on a background with the YIQ color 37.2700, -58.9310,

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

37.2700, -58.9310, 82.3570

Protanopia

59.4780, -68.2710, 9.3050

Deuteranopia

59.7910, -62.2630, -0.4630



Tritanopia

58.6390, -50.7520, -16.3520

Trichromacy



Original Color
37.2700, -58.9310, 82.3570

Protanomaly
51.5660, -64.5620, 35.7100

Deuteranomaly
51.7310, -60.8930, 29.7870

Tritanomaly
51.1150, -53.6470, 19.6090

Monochromacy



Original Color
37.2700, -58.9310, 82.3570

Achromatopsia
37.0000, -0.0000, 0.0000

Achromatomaly
37.3210, -21.6920, 29.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.2700, -58.9310, 82.3570 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(32, 0, 243)` looks like.

```
.text, #text, p{  
    color:rgb(32, 0, 243)  
}
```

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(32, 0, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 0, 243) }
```

Border

The CSS property to change the border of an element to YIQ 37.2700, -58.9310, 82.3570 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(32, 0, 243) }
```


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

```
.border{ border-color:rgb(32, 0, 243) }
```

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

Here you see how a box with a 4 pixel rgb(32, 0, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 0, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 0, 243);  
box-shadow:4px 4px 4px 4px rgb(32, 0, 243)  
}
```

Background

The CSS property to change the background color of an element to YIQ 37.2700, -58.9310, 82.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 0, 243) }
```

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

```
.background{ background-color: rgb(32, 0,  
243) }
```

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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