

Converting Colors

YIQ(59.2810, -84.9680, 53.1120)

Have a look what the booklet for
YIQ(59.2810, -84.9680, 53.1120)
contains.

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Color

**YIQ(59.2810, -84.9680,
53.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	0B30F4
RGB	11, 48, 244
RGB Percent	4%, 19%, 96%
CMY	0.9566, 0.8117, 0.0436
CMYK	0.95, 0.80, 0.00, 0.04
HSL	230°, 91%, 50%
HSV	230°, 95%, 96%
XYZ	17.5059, 8.7105, 86.2473
YIQ	59.2810, -84.9680, 53.1120

Conversions

Conversions Part 2

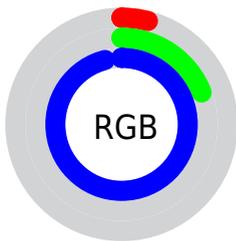
Format	Color
RYB	11, 43, 244
Decimal	733428
CIELab	35.42, 62.84, -96.39
CIELCh	35, 115.068, 303.100
Yxy	8.7105, 0.1557, 0.0775
Android (android.graphics.Color)	4278923508 (0xFF0B30F4)
YUV	59.2810, 91.0665, -42.3424
Hunter-Lab	29.5136, 54.2283, -152.6033

Details

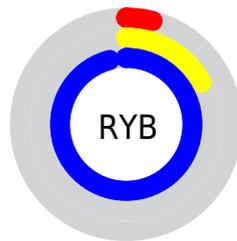
The YIQ color **59.2810, -84.9680, 53.1120** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **195.7190, 84.9680, -53.1120**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5790, -39.0730, 52.8550**, and **21.2040, -59.7060, 57.8460** is the 20% darker color. If you saturate the color by 10%, you get **50.7090, -89.0490, 55.4870**, and if you desaturate by 10%, it is **78.7840, -76.4390, 47.2170**.

Distribution



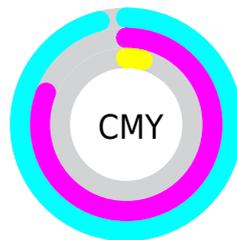
- Red (4%)
- Green (19%)
- Blue (96%)



- Red (4%)
- Yellow (17%)
- Blue (96%)



- Cyan (95%)
- Magenta (80%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (81%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.2810, -84.9680, 53.1120 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 59.2810, -84.9680, 53.1120 by changing the saturation by 10% instead.

■ 59.2810, -84.9680,
53.1120

■ 59.2810, -84.9680,
53.1120

■ 255.0000, -0.0000,
-0.0000

■ 38.0110, -75.3400,
54.8360

■ 121.5790,
-39.0730, 52.8550

■ 21.2040, -59.7060,
57.8460

■ 147.3060,
-25.3630, 46.6770

■ 18.0120, -50.7180,
49.1380

■ 173.0220,
-13.1200, 39.5520

■ 14.9340, -42.0510,
40.7410

■ 198.7380, -0.8770,
32.4270

■ 21.8350, -38.0590,
23.4530

■ 224.7420, 10.4950,
24.5670

■ 14.8760, -28.1090,
19.3390

■ 243.2600, 5.5000,

■ 9.2050, -19.0300,

10.4600

14.4900

■ 4.9360, -11.1430,
9.2170

■ 0.6840, -1.9260,
1.8660

■ 59.2810, -84.9680,
53.1120

■ 59.2810, -84.9680,
53.1120

■ 50.7090, -89.0490,
55.4870

■ 78.7840, -76.4390,
47.2170

■ 97.9990, -67.0390,
42.0570

■ 117.5020,
-58.5100, 36.1620

■ 136.7170,
-49.1100, 31.0020

■ 156.2200,
-40.5810, 25.1070

■ 175.1360,
-31.7770, 19.7350

■ 194.9380,
-22.6520, 14.0520

■ 213.8540,
-13.8480, 8.6800

■ 233.6560, -4.7230,
2.9970

Harmonies

Analogous

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



87.1830, -109.0800, 27.5280



59.2810, -84.9680, 53.1120



76.0760, 58.9910, 92.8390

Triad

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



59.2810, -84.9680, 53.1120



66.0590, 89.7690, 19.6010



75.5310, -59.7360, -29.7520

Complementary

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



59.2810, -84.9680, 53.1120



195.7190, 84.9680, -53.1120

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.



63.3960, -29.7000, -56.4840



59.2810, -84.9680, 53.1120



77.4140, 32.9240, -24.0040

Square

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



59.2810, -84.9680, 53.1120



63.3880, 126.3520, 44.9440



59.8740, -28.0500, -53.3460



88.0080, -90.7350, -2.0870

Rectangle

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



59.2810, -84.9680, 53.1120



78.5050, 96.7270, 80.7510



59.8740, -28.0500, -53.3460



71.2960, -49.1890, -39.1810

Sweetspot

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



59.2810, -84.9680, 53.1120



196.4800, -27.0540, 16.7380



169.8870, -126.3490, -61.5250



92.2390, -16.3700, 10.3340



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.



59.2810, -84.9680, 53.1120



52.5500, -92.8550, 58.3850



60.8840, -28.3050, 88.9990



112.5420, -4.4020, 2.6860



38.8140, -67.9560, 42.1560



12.0090, -21.4140, 13.6420

Inverse Universe

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



84.8850, 126.9910, 60.9030



80.8050, 139.1400, 66.5000



194.1160, 28.3050, -88.9990



113.8160, 6.5100, 3.1660



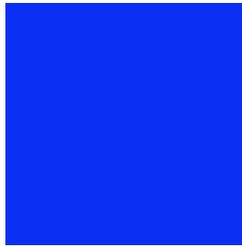
59.0340, 101.2260, 48.7620



18.6670, 32.2750, 15.3070

Previews

White Background



This preview shows how the YIQ color 59.2810, -84.9680, 53.1120 looks on a white background.

Color Contrast Check

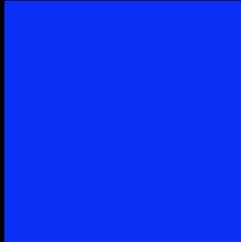
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.2810, -84.9680, 53.1120 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 59.2810, -84.9680, 53.1120

Background



This preview shows how black text looks on a background with the YIQ color 59.2810, -84.9680, 53.1120.



This preview shows how white text looks on a background with the YIQ color 59.2810, -84.9680,

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

59.2810, -84.9680, 53.1120

Protanopia

65.9980, -75.6070, 10.0970

Tritanopia

64.9480, -56.1160, -18.2600

Trichromacy



Original Color

59.2810, -84.9680, 53.1120

Protanomaly

63.3420, -78.9110, 25.9290

Tritanomaly

62.9080, -66.6660, 7.7500

Monochromacy



Original Color

59.2810, -84.9680, 53.1120

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.2070, -30.5390, 19.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.2810, -84.9680, 53.1120 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(11, 48, 244)` looks like.

```
.text, #text, p{  
    color:rgb(11, 48, 244)  
}
```

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(11, 48, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 48, 244) }
```

Border

The CSS property to change the border of an element to YIQ 59.2810, -84.9680, 53.1120 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(11, 48, 244) }
```

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

```
.border{ border-color:rgb(11, 48, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 48, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 48, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 48, 244);  
box-shadow:4px 4px 4px 4px rgb(11, 48,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 59.2810, -84.9680, 53.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 48, 244) }
```

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

```
.background{ background-color: rgb(11, 48,  
244) }
```

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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