

Converting Colors

YIQ(43.1510, -51.0460, 88.1380)

Have a look what the booklet for
YIQ(43.1510, -51.0460, 88.1380)
contains.

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Color

**YIQ(43.1510, -51.0460,
88.1380)**

Conversions

Conversions Part 1

Format	Color
Hex	3100FA
RGB	49, 0, 250
RGB Percent	19%, 0%, 98%
CMY	0.8075, 1.0000, 0.0200
CMYK	0.80, 1.00, 0.00, 0.02
HSL	252°, 100%, 49%
HSV	252°, 100%, 98%
XYZ	18.5094, 7.5505, 90.8413
YIQ	43.1510, -51.0460, 88.1380

Conversions

Conversions Part 2

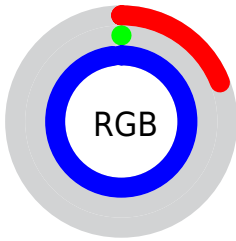
Format	Color
R_{YB}	49, 0, 250
Decimal	3211514
CIE Lab	33.03, 78.49, -103.75
CIE LCh	33, 130.091, 307.107
Yxy	7.5505, 0.1583, 0.0646
Android (android.graphics.Color)	4281401594 (0xFF3100FA)
YUV	43.1510, 101.9766, 5.1296
Hunter-Lab	27.4781, 72.1519, -176.7748

Details

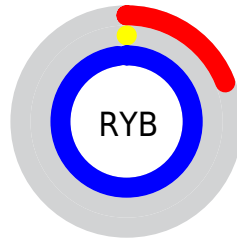
The YIQ color **43.1510, -51.0460, 88.1380** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **206.8490, 51.0460, -88.1380**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.6880, -22.6620, 69.3220**, and **21.8880, -61.6320, 59.7120** is the 20% darker color. If you saturate the color by 10%, you get **43.1510, -51.0460, 88.1380**, and if you desaturate by 10%, it is **63.8060, -46.0010, 79.3030**.

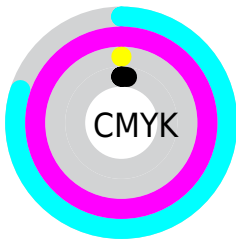
Distribution



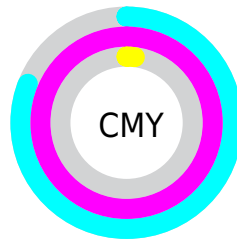
- Red (19%)
- Green (0%)
- Blue (98%)



- Red (19%)
- Yellow (0%)
- Blue (98%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (81%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.1510, -51.0460, 88.1380 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 43.1510, -51.0460, 88.1380 by changing the saturation by 10% instead.

■ 43.1510, -51.0460,
88.1380

■ 43.1510, -51.0460,
88.1380

■ 255.0000, -0.0000,
-0.0000

■ 25.0800, -70.6200,
68.4200

■ 111.6880,
-22.6620, 69.3220

■ 21.7740, -61.3110,
59.4010

■ 138.5890, -9.5020,
62.0980

■ 18.5820, -52.3230,
50.6930

■ 164.3050, 2.7410,
54.9730

■ 15.5040, -43.6560,
42.2960

■ 190.6080, 14.7090,
47.3250

■ 21.2310, -39.1140,
26.0540

■ 213.9100, 19.2500,
36.6100


■ 16.0330, -29.9890,
20.3710


■ 230.3460, 11.5500,


■ 10.2480, -20.5890,


21.9660


15.2110


 247.9560, 3.3000,
6.2760


 5.3920, -12.4270,
10.4610


 2.0690, -4.4480,
3.5200

 43.1510, -51.0460,
88.1380

 63.8060, -46.0010,
79.3030

 84.4610, -40.9560,
70.4680

 105.1160,
-35.9110, 61.6330

 125.7710,
-30.8660, 52.7980

■ 146.4260,
-25.8210, 43.9630

■ 167.3800,
-20.1800, 35.3400

■ 188.0350,
-15.1350, 26.5050

■ 208.6900,
-10.0900, 17.6700

■ 229.3450, -5.0450,
8.8350

Harmonies

Analogous

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



83.6610, -107.4300, 30.6660



43.1510, -51.0460, 88.1380



79.6490, 70.4990, 93.5310

Triad

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



43.1510, -51.0460, 88.1380



60.4330, 85.7800, 20.3080



73.7360, -61.5710, -24.0270

Complementary

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



43.1510, -51.0460, 88.1380



206.8490, 51.0460, -88.1380

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.



60.4610, -28.3250, -53.8690



43.1510, -51.0460, 88.1380



70.5480, 20.6830, -27.9330

Square

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



43.1510, -51.0460, 88.1380



63.0890, 125.7560, 44.7320



58.1130, -27.2250, -51.7770



87.9400, -96.0550, 6.2250

Rectangle

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



43.1510, -51.0460, 88.1380



80.2690, 109.0150, 78.3190



58.1130, -27.2250, -51.7770



69.0450, -49.7400, -34.7000

Sweetspot

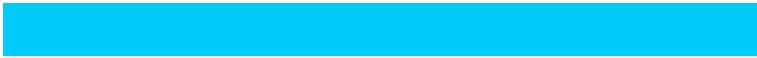
The Sweet Spot groups the original color and five complimentary colors.



43.1510, -51.0460, 88.1380



192.1490, -15.4560, 26.8160



148.2480, -136.3500, -28.9420



89.9350, -9.4020, 16.2140



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.



43.1510, -51.0460, 88.1380



44.0200, -52.0550, 89.9050



79.6290, 21.6660, 114.0020



114.3790, -2.3850, 4.6790



32.6090, -38.6170, 66.6230



10.5420, -12.4290, 21.5150

Inverse Universe

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



97.6640, 84.4790, 115.5110



99.6150, 86.1750, 117.8150



170.3710, -21.6660, -114.0020



117.0270, 4.5380, 5.8660



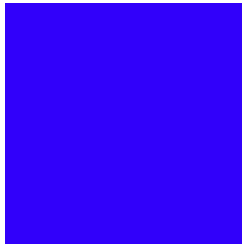
73.8390, 63.8520, 87.3400



23.8250, 20.6270, 28.1710

Previews

White Background



This preview shows how the YIQ color 43.1510, -51.0460, 88.1380 looks on a white background.

Color Contrast Check

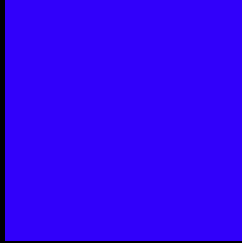
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.1510, -51.0460, 88.1380 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 43.1510, -51.0460, 88.1380

Background



This preview shows how black text looks on a background with the YIQ color 43.1510, -51.0460, 88.1380.



This preview shows how white text looks on a background with the YIQ color 43.1510, -51.0460,

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

43.1510, -51.0460, 88.1380

Protanopia

62.7380, -71.9390, 9.7010

Deuteranopia

62.9370, -65.6100, -0.3780



Tritanopia

61.4430, -53.1360, -17.2000

Trichromacy



Original Color

43.1510, -51.0460, 88.1380

Protanomaly

55.4460, -64.1040, 38.4240

Deuteranomaly

56.0840, -60.3890, 31.6670

Tritanomaly

54.6530, -52.2260, 21.3900

Monochromacy



Original Color

43.1510, -51.0460, 88.1380

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.7560, -18.4830, 32.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.1510, -51.0460, 88.1380 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(49, 0, 250)` looks like.

```
.text, #text, p{  
    color:rgb(49, 0, 250)  
}
```

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(49, 0, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 0, 250) }
```

Border

The CSS property to change the border of an element to YIQ 43.1510, -51.0460, 88.1380 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(49, 0, 250) }
```


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

```
.border{ border-color:rgb(49, 0, 250) }
```

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

Here you see how a box with a 4 pixel rgb(49, 0, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 0, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 0, 250);  
box-shadow:4px 4px 4px 4px rgb(49, 0, 250)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.1510, -51.0460, 88.1380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 0, 250) }
```

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

```
.background{ background-color: rgb(49, 0,  
250) }
```

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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