

Converting Colors

YIQ(54.9580, -49.4850, 76.3630)

Have a look what the booklet for
YIQ(54.9580, -49.4850, 76.3630)
contains.

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Color

**YIQ(54.9580, -49.4850,
76.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	3713F0
RGB	55, 19, 240
RGB Percent	22%, 7%, 94%
CMY	0.7840, 0.9256, 0.0592
CMYK	0.77, 0.92, 0.00, 0.06
HSL	250°, 88%, 51%
HSV	250°, 92%, 94%
XYZ	17.5255, 7.5648, 82.9015
YIQ	54.9580, -49.4850, 76.3630

Conversions

Conversions Part 2

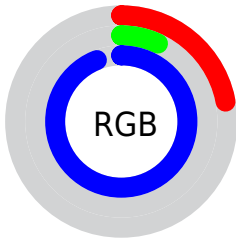
Format	Color
R _Y B	55, 19, 240
Decimal	3609584
CIE Lab	33.06, 73.12, -98.04
CIE LCh	33, 122.307, 306.717
Yxy	7.5648, 0.1623, 0.0700
Android (android.graphics.Color)	4281799664 (0xFF3713F0)
YUV	54.9580, 91.2257, 0.0368
Hunter-Lab	27.5042, 65.6073, -159.4558

Details

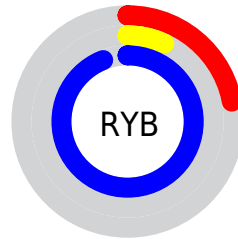
The YIQ color **54.9580, -49.4850, 76.3630** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **204.0420, 49.4850, -76.3630**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **115.5090, -23.7160, 66.3960**, and **20.7480, -58.4220, 56.6020** is the 20% darker color. If you saturate the color by 10%, you get **39.0210, -53.7960, 82.9080**, and if you desaturate by 10%, it is **75.0260, -44.1650, 68.0510**.

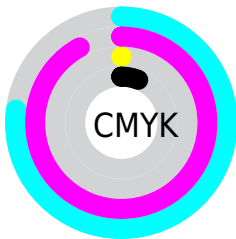
Distribution



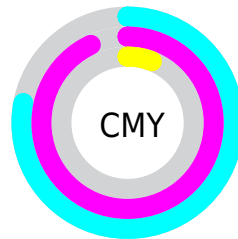
- Red (22%)
- Green (7%)
- Blue (94%)



- Red (22%)
- Yellow (7%)
- Blue (94%)



- Cyan (77%)
- Magenta (92%)
- Yellow (0%)
- Black (6%)



- Cyan (78%)
- Magenta (93%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.9580, -49.4850, 76.3630 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 54.9580, -49.4850, 76.3630 by changing the saturation by 10% instead.

■ 54.9580, -49.4850,
76.3630

■ 54.9580, -49.4850,
76.3630

■ 255.0000, -0.0000,
-0.0000

■ 24.0540, -67.7310,
65.6210

■ 115.5090,
-23.7160, 66.3960

■ 20.7480, -58.4220,
56.6020

■ 141.2250,
-11.4730, 59.2710

■ 17.5560, -49.4340,
47.8940

■ 166.9410, 0.7700,
52.1460

■ 14.4780, -40.7670,
39.4970

■ 192.9450, 12.1420,
44.2860

■ 20.9060, -36.8210,
23.0430

■ 216.2580, 18.1500,
34.5180

■ 13.9470, -26.8710,
18.9290


■ 233.2810, 10.1750,

■ 8.2760, -17.7920,


19.3510


14.0800


 250.3040, 2.2000,
4.1840


 4.5940, -10.1800,
8.2840


 0.0000, 0.0000,
0.0000


 54.9580, -49.4850,
76.3630


 54.9580, -49.4850,
76.3630

 39.0210, -53.7960,
82.9080

 75.0260, -44.1650,
68.0510

 95.0940, -38.8450,
59.7390

 115.1620,
-33.5250, 51.4270

 135.2300,
-28.2050, 43.1150

■ 155.2980,
-22.8850, 34.8030

■ 175.3660,
-17.5650, 26.4910

■ 195.7330,
-11.6490, 18.3910

■ 215.8010, -6.3290,
10.0790

■ 235.8690, -1.0090,
1.7670

Harmonies

Analogous

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



83.0740, -107.1550, 31.1890



54.9580, -49.4850, 76.3630



76.8010, 67.0150, 90.5910

Triad

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



54.9580, -49.4850, 76.3630



63.0580, 82.3420, 16.5340



72.9210, -60.6540, -24.1260

Complementary

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



54.9580, -49.4850, 76.3630



204.0420, 49.4850, -76.3630

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



54.9580, -49.4850, 76.3630



71.4450, 22.4710, -27.2970

Square

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



54.9580, -49.4850, 76.3630



61.5940, 122.7760, 43.6720



57.5260, -26.9500, -51.2540



86.3270, -92.8910, 3.9490

Rectangle

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



54.9580, -49.4850, 76.3630



77.6920, 103.3300, 76.7220



57.5260, -26.9500, -51.2540



68.3440, -49.1440, -34.4880

Sweetspot

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



54.9580, -49.4850, 76.3630



195.3830, -16.2350, 24.4130



154.5500, -122.6410, -29.5930



91.1090, -9.9520, 15.1680



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.



54.9580, -49.4850, 76.3630



41.6280, -56.8230, 88.2090



87.2500, 14.8830, 99.2590



109.9660, -2.6600, 4.1560



29.9460, -41.1840, 63.5840



9.0750, -12.6120, 19.3240

Inverse Universe

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



106.1690, 72.3310, 104.3870



100.5270, 83.6070, 120.3030



171.7500, -14.8830, -99.2590



112.7280, 3.9420, 5.6540



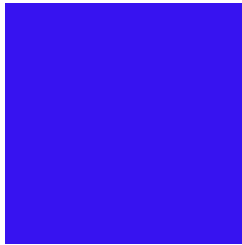
72.5720, 60.2300, 86.9020



22.1020, 18.2890, 26.4890

Previews

White Background



This preview shows how the YIQ color 54.9580, -49.4850, 76.3630 looks on a white background.

Color Contrast Check

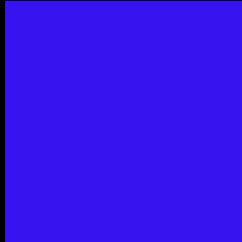
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.9580, -49.4850, 76.3630 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 54.9580, -49.4850, 76.3630

Background



This preview shows how black text looks on a background with the YIQ color 54.9580, -49.4850, 76.3630.



This preview shows how white text looks on a background with the YIQ color 54.9580, -49.4850,

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

54.9580, -49.4850, 76.3630

Protanopia

61.9230, -71.0220, 9.6020

Deuteranopia

62.1220, -64.6930, -0.4770



Tritanopia

60.8560, -52.8610, -16.6770

Trichromacy



Original Color

54.9580, -49.4850, 76.3630

Protanomaly

59.5830, -63.2320, 33.6320

Deuteranomaly

59.6340, -59.2420, 27.3980

Tritanomaly

58.9040, -51.6750, 16.9090

Monochromacy



Original Color

54.9580, -49.4850, 76.3630

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0070, -17.9320, 27.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.9580, -49.4850, 76.3630 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(55, 19, 240)` looks like.

```
.text, #text, p{  
    color:rgb(55, 19, 240)  
}
```

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(55, 19, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 19, 240) }
```

Border

The CSS property to change the border of an element to YIQ 54.9580, -49.4850, 76.3630 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(55, 19, 240) }
```


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

```
.border{ border-color:rgb(55, 19, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 19, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 19, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 19, 240);  
box-shadow:4px 4px 4px 4px rgb(55, 19,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 54.9580, -49.4850, 76.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 19, 240) }
```

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

```
.background{ background-color: rgb(55, 19,  
240) }
```

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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