

Converting Colors

YIQ(51.4540, 2.1980, 15.2380)

Have a look what the booklet for
YIQ(51.4540, 2.1980, 15.2380)
contains.

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Color

**YIQ(51.4540, 2.1980,
15.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	3F294B
RGB	63, 41, 75
RGB Percent	25%, 16%, 29%
CMY	0.7529, 0.8392, 0.7059
CMYK	0.16, 0.45, 0.00, 0.71
HSL	279°, 29%, 23%
HSV	279°, 45%, 29%
XYZ	4.1136, 3.1506, 7.0471
YIQ	51.4540, 2.1980, 15.2380

Conversions

Conversions Part 2

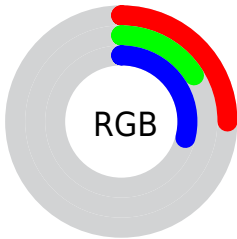
Format	Color
RYB	63, 41, 75
Decimal	4139339
CIELab	20.64, 17.63, -17.13
CIELCh	21, 24.583, 315.820
Yxy	3.1506, 0.2874, 0.2201
Android (android.graphics.Color)	4282329419 (0xFF3F294B)
YUV	51.4540, 11.6082, 10.1258
Hunter-Lab	17.7498, 10.3056, -11.1147

Details

The YIQ color **51.4540, 2.1980, 15.2380** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **64.5460, -2.1980, -15.2380**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **98.3940, 2.4270, 16.5950**, and **10.4110, 3.7570, 14.5170** is the 20% darker color. If you saturate the color by 10%, you get **45.8610, 2.6100, 18.7860**, and if you desaturate by 10%, it is **56.4600, 2.0610, 12.2130**.

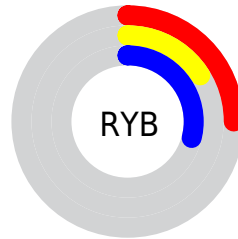
Distribution



 Red (25%)

 Green (16%)

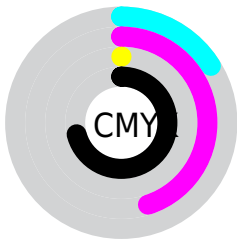
 Blue (29%)



 Red (25%)

 Yellow (16%)

 Blue (29%)

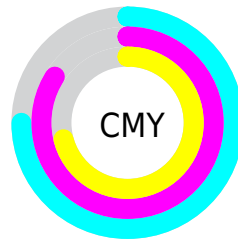


 Cyan (16%)

 Magenta (45%)

 Yellow (0%)

 Black (71%)



 Cyan (75%)

 Magenta (84%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.4540, 2.1980, 15.2380 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 51.4540, 2.1980, 15.2380 by changing the saturation by 10% instead.

■ 51.4540, 2.1980,
15.2380

■ 51.4540, 2.1980,
15.2380

■ 255.0000, -0.0000,
-0.0000

■ 29.6280, 1.6480,
14.1920

■ 98.3940, 2.4270,
16.5950

■ 10.4110, 3.7570,
14.5170

■ 123.2200, 2.9770,
17.6410

■ 0.2280, -0.6420,
0.6220

■ 149.6330, 3.2520,
18.1640

■ 0.0000, 0.0000,
0.0000

■ 176.0460, 3.5270,
18.6870

■ 203.4590, 3.8020,
19.2100

■ 230.8890, 5.4070,

17.6550

250.3040, 2.2000,
4.1840

51.4540, 2.1980,
15.2380

51.4540, 2.1980,
15.2380

45.8610, 2.6100,
18.7860

56.4600, 2.0610,
12.2130

41.1540, 3.3430,
22.0230

61.7540, 1.0530,
8.4530

35.5610, 3.7550,
25.5710

66.7600, 0.9160,
5.4280

30.5550, 3.8920,
28.5960

72.3530, 0.5040,
1.8800

25.2610, 4.9000,
32.3560

77.0600, -0.2290,
-1.3570

■ 23.2010, 5.1290,
33.7130

■ 82.6530, -0.6410,
-4.9050

■ 87.6590, -0.7780,
-7.9300

■ 92.9530, -1.7860,
-11.6900

■ 97.9590, -1.9230,
-14.7150

Harmonies

Analogous

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



48.2170, -19.3040, 8.4400



51.4540, 2.1980, 15.2380



50.5930, 17.9240, 16.5800

Triad

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



51.4540, 2.1980, 15.2380



48.5170, 23.1090, -5.8110



41.3590, -35.1640, -12.5080

Complementary

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



51.4540, 2.1980, 15.2380



64.5460, -2.1980, -15.2380

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.



38.6060, -28.7900, -17.8940



51.4540, 2.1980, 15.2380



47.2550, 11.9230, -12.3410

Square

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



51.4540, 2.1980, 15.2380



49.3640, 28.3340, 4.1260



44.4640, -4.9030, -15.7750



42.0090, -39.7500, -6.4860

Rectangle

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



51.4540, 2.1980, 15.2380



50.1330, 25.0310, 14.4310



44.4640, -4.9030, -15.7750



40.6750, -33.2380, -14.3740

Sweetspot

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



51.4540, 2.1980, 15.2380



87.2870, 0.8700, 6.2620



51.9200, -14.2140, 4.2980



42.7060, 1.0080, 3.7600



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.4540, 2.1980, 15.2380



60.7950, 2.9760, 23.1680



54.4720, 10.9550, 16.2270



35.3530, 0.5040, 1.8800



31.3620, 6.5940, 45.7140



70.7710, 14.9740, 103.1180

Inverse Universe

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



52.5340, 16.4120, 10.9400



62.6000, 25.2140, 16.6220



61.5280, -10.9550, -16.2270



35.4240, 1.7420, 1.4700



34.6020, 49.2360, 32.8200



78.0040, 111.0790, 73.9510

Previews

White Background



This preview shows how the YIQ color 51.4540, 2.1980, 15.2380 looks on a white background.

Color Contrast Check

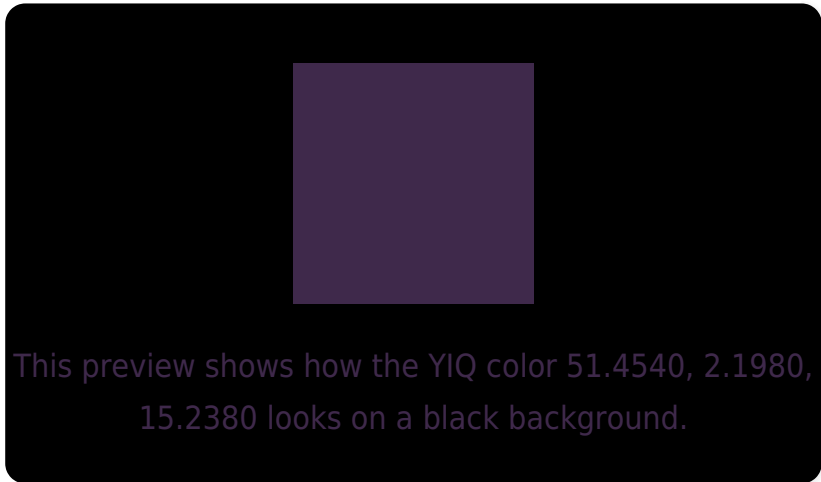
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

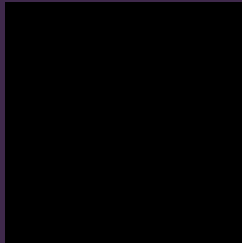
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.4540, 2.1980, 15.2380

Background



This preview shows how black text looks on a background with the YIQ color 51.4540, 2.1980, 15.2380.



This preview shows how white text looks on a background with the YIQ color 51.4540, 2.1980,

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

51.4540, 2.1980, 15.2380

Protanopia

49.1740, -17.7450, 7.7190

Deuteranopia

49.6320, -13.3430, 5.0330



Tritanopia

50.9300, 6.1890, 3.4770

Trichromacy



Original Color

51.4540, 2.1980, 15.2380

Protanomaly

49.7620, -10.5930, 10.2630

Deuteranomaly

50.3770, -8.0710, 8.6090

Tritanomaly

51.0810, 4.4460, 7.5340

Monochromacy



Original Color

51.4540, 2.1980, 15.2380

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.8740, 0.5950, 5.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.4540, 2.1980, 15.2380 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, 41, 75)` looks like.

```
.text, #text, p{  
    color:rgb(63, 41, 75)  
}
```

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, 41, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 41, 75) }
```

Border

The CSS property to change the border of an element to YIQ 51.4540, 2.1980, 15.2380 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, 41, 75) }
```


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

```
.border{ border-color:rgb(63, 41, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 41, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 41, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 41, 75);  
box-shadow:4px 4px 4px 4px rgb(63, 41, 75)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.4540, 2.1980, 15.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 41, 75) }
```

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

```
.background{ background-color: rgb(63, 41,  
75) }
```

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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