

Converting Colors

YIQ(75.3540, -17.2910, 32.5410)

Have a look what the booklet for
YIQ(75.3540, -17.2910, 32.5410)
contains.

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Color

**YIQ(75.3540, -17.2910,
32.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	4F3B96
RGB	79, 59, 150
RGB Percent	31%, 23%, 59%
CMY	0.6901, 0.7687, 0.4119
CMYK	0.47, 0.61, 0.00, 0.41
HSL	253°, 44%, 41%
HSV	253°, 61%, 59%
XYZ	10.2924, 6.9914, 29.6462
YIQ	75.3540, -17.2910, 32.5410

Conversions

Conversions Part 2

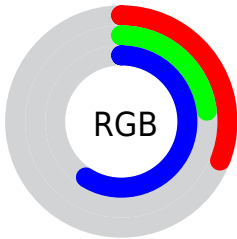
Format	Color
R_{YB}	79, 59, 150
Decimal	5192598
CIE _{Lab}	31.79, 32.34, -47.24
CIE _{LCh}	32, 57.247, 304.398
Yxy	6.9914, 0.2193, 0.1490
Android (android.graphics.Color)	4283382678 (0xFF4F3B96)
YUV	75.3540, 36.8005, 3.1975
Hunter-Lab	26.4412, 23.2100, -47.9679

Details

The YIQ color **75.3540, -17.2910, 32.5410** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **133.6460, 17.2910, -32.5410**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.9460, -15.9620, 35.9900**, and **25.9570, -23.6630, 26.8730** is the 20% darker color. If you saturate the color by 10%, you get **62.9610, -20.3180, 37.8420**, and if you desaturate by 10%, it is **87.7470, -14.2640, 27.2400**.

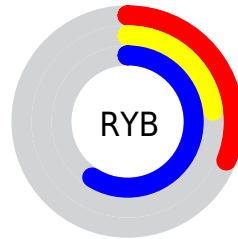
Distribution



Red (31%)

Green (23%)

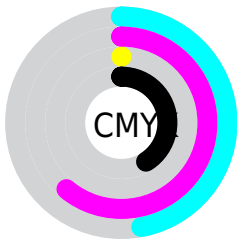
Blue (59%)



Red (31%)

Yellow (23%)

Blue (59%)

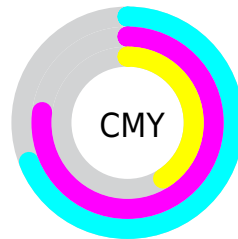


Cyan (47%)

Magenta (61%)

Yellow (0%)

Black (41%)



Cyan (69%)

Magenta (77%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.3540, -17.2910, 32.5410 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 75.3540, -17.2910, 32.5410 by changing the saturation by 10% instead.

■ 75.3540, -17.2910,
32.5410

■ 75.3540, -17.2910,
32.5410

■ 255.0000, -0.0000,
-0.0000

■ 50.8160, -18.7120,
30.7600

■ 125.9460,
-15.9620, 35.9900

■ 25.9570, -23.6630,
26.8730

■ 152.7720,
-15.4120, 37.0360

■ 8.4360, -23.7540,
23.0140

■ 178.9140,
-12.9360, 36.2160

■ 8.0480, -17.1500,
13.4580

■ 203.4340, -3.0770,
28.2430

■ 4.3660, -9.5380,
7.6620

■ 228.5410, 6.5070,
19.7470

■ 0.0000, 0.0000,
0.0000

■ 247.3690, 3.5750,

6.7990

■ 75.3540, -17.2910,
32.5410

■ 75.3540, -17.2910,
32.5410

■ 62.9610, -20.3180,
37.8420

■ 87.7470, -14.2640,
27.2400

■ 50.8670, -22.7490,
43.3550

■ 99.8410, -11.8330,
21.7270

■ 38.4740, -25.7760,
48.6560

■ 112.2340, -8.8060,
16.4260

■ 26.9670, -28.4820,
53.6460

■ 124.6270, -5.7790,
11.1250

■ 136.7210, -3.3480,
5.6120

■ 149.1140, -0.3210,
0.3110

■ 161.5070, 2.7060,
-4.9900

■ 173.9000, 5.7330,
-10.2910

■ 185.9940, 8.1640,
-15.8040

Harmonies

Analogous

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



65.2970, -75.0110, 10.3090



75.3540, -17.2910, 32.5410



69.6010, 33.7820, 48.5820

Triad

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



75.3540, -17.2910, 32.5410



69.9370, 57.0370, -3.9470



63.7110, -51.2550, -23.7590

Complementary

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



75.3540, -17.2910, 32.5410



133.6460, 17.2910, -32.5410

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.



57.1790, -35.6180, -37.3300



75.3540, -17.2910, 32.5410



70.0380, 31.2270, -20.7810

Square

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



75.3540, -17.2910, 32.5410



63.4560, 69.7780, 23.9700



61.5450, -1.5980, -37.1340



68.8410, -65.7000, -9.7640

Rectangle

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



75.3540, -17.2910, 32.5410



55.7030, 60.0980, 56.2420



61.5450, -1.5980, -37.1340



62.0010, -46.4400, -28.4240

Sweetspot

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



75.3540, -17.2910, 32.5410



165.3820, -6.4670, 12.5810



111.0510, -48.7360, -8.8320



79.5900, -4.3570, 7.3790



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



75.3540, -17.2910, 32.5410



77.4570, -27.1060, 50.7340



88.8090, 9.5290, 42.0810



68.0970, -1.6510, 2.3890



24.7020, -26.4180, 49.2780



1.7380, -2.0180, 3.5340

Inverse Universe

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



94.3030, 31.4450, 41.3730



107.1120, 49.0010, 64.6250



120.1910, -9.5290, -42.0810



69.6630, 2.5670, 3.0390



53.4600, 47.9010, 62.5330



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 75.3540, -17.2910, 32.5410 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 75.3540, -17.2910, 32.5410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

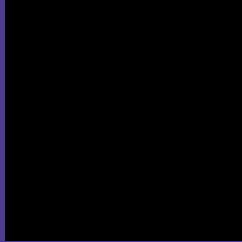
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.3540, -17.2910, 32.5410

Background



This preview shows how black text looks on a background with the YIQ color 75.3540, -17.2910, 32.5410.



This preview shows how white text looks on a background with the YIQ color 75.3540, -17.2910,

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

75.3540, -17.2910, 32.5410

Deuteranopia

60.3610, -63.8680, 1.0920

Tritanopia

73.6010, -12.0580, -1.7380

Trichromacy



Original Color

75.3540, -17.2910, 32.5410

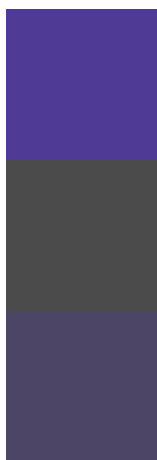
Deuteranomaly

65.6070, -46.5850, 12.7670

Tritanomaly

74.3210, -13.6650, 10.8710

Monochromacy



Original Color

75.3540, -17.2910, 32.5410

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8550, -6.4210, 11.7470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.3540, -17.2910, 32.5410 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(79, 59, 150)` looks like.

```
.text, #text, p{  
    color:rgb(79, 59, 150)  
}
```

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(79, 59, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 59, 150) }
```

Border

The CSS property to change the border of an element to YIQ 75.3540, -17.2910, 32.5410 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(79, 59, 150) }
```

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

```
.border{ border-color:rgb(79, 59, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 59, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 59, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 59, 150);  
box-shadow:4px 4px 4px 4px rgb(79, 59,  
150) }
```


Background

The CSS property to change the background color of an element to YIQ 75.3540, -17.2910, 32.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 59, 150) }
```

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

```
.background{ background-color: rgb(79, 59,  
150) }
```

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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