

Converting Colors

YIQ(42.5990, 8.6190, 3.4910)

Have a look what the booklet for
YIQ(42.5990, 8.6190, 3.4910)
contains.

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Color

YIQ(42.5990, 8.6190, 3.4910)

Conversions

Conversions Part 1

Format	Color
Hex	352627
RGB	53, 38, 39
RGB Percent	21%, 15%, 15%
CMY	0.7921, 0.8510, 0.8470
CMYK	0.00, 0.28, 0.26, 0.79
HSL	356°, 17%, 18%
HSV	356°, 28%, 21%
XYZ	2.5279, 2.2895, 2.2289
YIQ	42.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

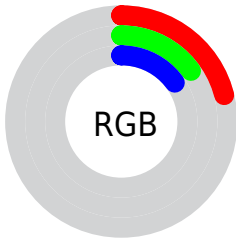
Format	Color
R_{YB}	53, 38, 39
Decimal	3483175
CIE Lab	16.94, 7.27, 2.08
CIE LCh	17, 7.565, 15.960
Yxy	2.2895, 0.3588, 0.3249
Android (android.graphics.Color)	4281673255 (0xFF352627)
YUV	42.5990, -1.7743, 9.1217
Hunter-Lab	15.1311, 3.3425, 1.8581

Details

The YIQ color **42.5990, 8.6190, 3.4910** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.4010, -8.6190, -3.4910**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **88.1970, 9.8110, 3.9150**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.0940, 11.5990, 4.5510**, and if you desaturate by 10%, it is **46.1040, 5.6390, 2.4310**.

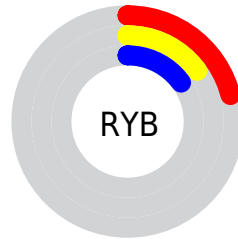
Distribution



Red (21%)

Green (15%)

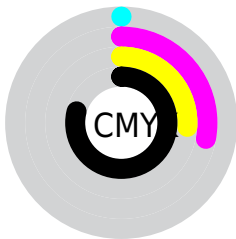
Blue (15%)



Red (21%)

Yellow (15%)

Blue (15%)

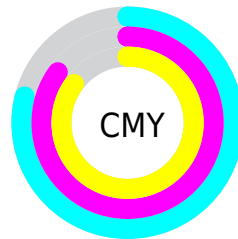


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (79%)



Cyan (79%)

Magenta (85%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.5990, 8.6190, 3.4910 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 42.5990, 8.6190, 3.4910 by changing the saturation by 10% instead.

■ 42.5990, 8.6190,
3.4910

■ 42.5990, 8.6190,
3.4910

■ 255.0000, -0.0000,
-0.0000

■ 22.1860, 8.3440,
2.9680

■ 88.1970, 9.8110,
3.9150

■ 0.0000, 0.0000,
0.0000

■ 112.4960, 10.4070,
4.1270

■ 137.7950, 11.0030,
4.3390

■ 164.0940, 11.5990,
4.5510

■ 191.0940, 11.5990,
4.5510

■ 219.3930, 12.1950,

4.7630

245.3000, 8.0230,
3.2790

42.5990, 8.6190,
3.4910

42.5990, 8.6190,
3.4910

39.0940, 11.5990,
4.5510

46.1040, 5.6390,
2.4310

35.0020, 14.8540,
6.1340

50.1960, 2.3840,
0.8480

31.4970, 17.8340,
7.1940

53.7010, -0.5960,
-0.2120

27.9920, 20.8140,
8.2540

57.2060, -3.5760,
-1.2720

23.9000, 24.0690,
9.8370

60.7110, -6.5560,
-2.3320

■ 20.3950, 27.0490,
10.8970

■ 64.8030, -9.8110,
-3.9150

■ 16.8900, 30.0290,
11.9570

■ 68.3080, -12.7910,
-4.9750

■ 16.3030, 30.3040,
12.4800

■ 71.8130, -15.7710,
-6.0350

■ 75.7910, -18.7050,
-7.9290

Harmonies

Analogous

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



42.6850, 5.5010, 4.9330



42.5990, 8.6190, 3.4910



42.3170, 9.3530, 1.2010

Triad

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



42.5990, 8.6190, 3.4910



40.7670, -0.9620, -4.5940



40.7370, -9.4450, 0.4670

Complementary

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



42.5990, 8.6190, 3.4910



48.4010, -8.6190, -3.4910

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.



39.7860, -11.1410, -1.8370



42.5990, 8.6190, 3.4910



40.1300, -6.4180, -4.8340

Square

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



42.5990, 8.6190, 3.4910



41.0450, 4.1270, -3.2090



39.6180, -10.7280, -3.8160



41.6560, -4.7230, 2.9970

Rectangle

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



42.5990, 8.6190, 3.4910



42.0780, 8.5280, -0.3680



39.6180, -10.7280, -3.8160



40.0250, -10.3160, -0.2680

Sweetspot

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



42.5990, 8.6190, 3.4910



64.9080, 3.2550, 1.5830



43.8960, 3.5290, 7.6330



33.1960, 2.3840, 0.8480



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



42.5990, 8.6190, 3.4910



52.4040, 13.6620, 5.7100



46.0070, 7.2900, 0.0420



23.8970, 1.7880, 0.6360



27.2950, 51.1180, 20.7340



66.5930, 124.5170, 50.6690

Inverse Universe

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



42.5990, 8.6190, 3.4910



52.4040, 13.6620, 5.7100



44.9930, -7.2900, -0.0420



23.8970, 1.7880, 0.6360



27.2950, 51.1180, 20.7340



66.5930, 124.5170, 50.6690

Previews

White Background



This preview shows how the YIQ color 42.5990, 8.6190, 3.4910 looks on a white background.

Color Contrast Check

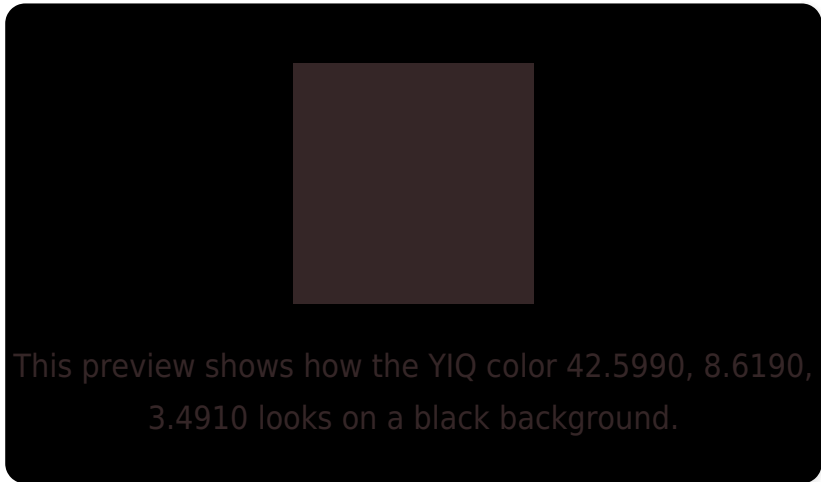
Large Text (above 18pt) WCAG AA ✓ Pass

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

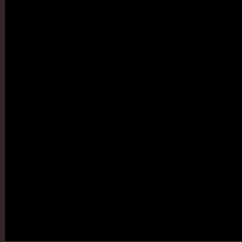
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.5990, 8.6190, 3.4910

Background



This preview shows how black text looks on a background with the YIQ color 42.5990, 8.6190, 3.4910.

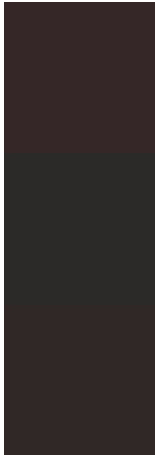


This preview shows how white text looks on a background with the YIQ color 42.5990, 8.6190, 3.4910.

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

42.5990, 8.6190, 3.4910

Protanopia

42.1850, 0.9170, -0.0990

Deuteranopia

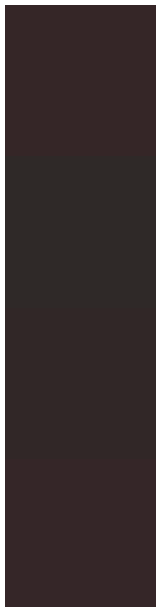
41.9790, 4.4930, 1.1730



Tritanopia

42.8270, 7.9770, 4.1130

Trichromacy



Original Color

42.5990, 8.6190, 3.4910

Protanomaly

42.6800, 3.8970, 0.9610

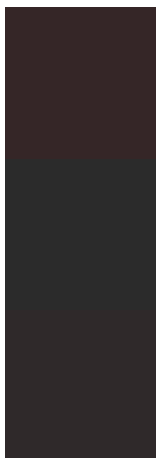
Deuteranomaly

41.9900, 5.9600, 2.1200

Tritanomaly

42.7130, 8.2980, 3.8020

Monochromacy



Original Color

42.5990, 8.6190, 3.4910

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

42.9080, 3.2550, 1.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.5990, 8.6190, 3.4910 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(53, 38, 39)` looks like.

```
.text, #text, p{  
    color:rgb(53, 38, 39)  
}
```

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(53, 38, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 38, 39) }
```

Border

The CSS property to change the border of an element to YIQ 42.5990, 8.6190, 3.4910 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(53, 38, 39) }
```

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

```
.border{ border-color:rgb(53, 38, 39) }
```

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

Here you see how a box with a 4 pixel rgb(53, 38, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 38, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 38, 39);  
box-shadow:4px 4px 4px 4px rgb(53, 38, 39)  
}
```


Background

The CSS property to change the background color of an element to YIQ 42.5990, 8.6190, 3.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 38, 39) }
```

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

```
.background{ background-color: rgb(53, 38,  
39) }
```

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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