

Converting Colors

YIQ(53.3030, 3.9410, 11.1810)

Have a look what the booklet for
YIQ(53.3030, 3.9410, 11.1810)
contains.

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Color

**YIQ(53.3030, 3.9410,
11.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	402D44
RGB	64, 45, 68
RGB Percent	25%, 18%, 27%
CMY	0.7490, 0.8236, 0.7333
CMYK	0.06, 0.34, 0.00, 0.73
HSL	290°, 20%, 22%
HSV	290°, 34%, 27%
XYZ	4.0968, 3.3840, 5.9060
YIQ	53.3030, 3.9410, 11.1810

Conversions

Conversions Part 2

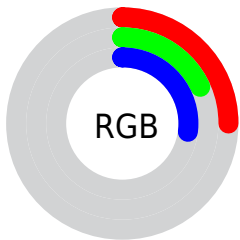
Format	Color
R_{YB}	64, 45, 68
Decimal	4205892
CIE _{Lab}	21.52, 13.58, -11.02
CIE _{LCh}	22, 17.490, 320.954
Yxy	3.3840, 0.3060, 0.2528
Android (android.graphics.Color)	4282395972 (0xFF402D44)
YUV	53.3030, 7.2456, 9.3813
Hunter-Lab	18.3957, 7.5602, -6.1583

Details

The YIQ color **53.3030, 3.9410, 11.1810** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.6970, -3.9410, -11.1810**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.1290, 4.4910, 12.2270**, and **9.7270, 5.6830, 12.6510** is the 20% darker color. If you saturate the color by 10%, you get **48.8950, 5.2700, 14.6300**, and if you desaturate by 10%, it is **57.7110, 2.6120, 7.7320**.

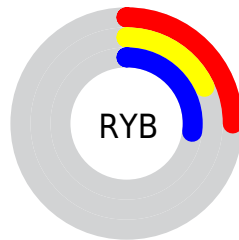
Distribution



Red (25%)

Green (18%)

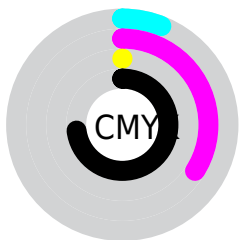
Blue (27%)



Red (25%)

Yellow (18%)

Blue (27%)

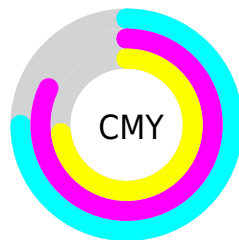


Cyan (6%)

Magenta (34%)

Yellow (0%)

Black (73%)



Cyan (75%)

Magenta (82%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.3030, 3.9410, 11.1810 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 53.3030, 3.9410, 11.1810 by changing the saturation by 10% instead.

■ 53.3030, 3.9410,
11.1810

■ 53.3030, 3.9410,
11.1810

255.0000, -0.0000,
-0.0000

■ 31.8900, 3.6660,
10.6580

■ 100.1290, 4.4910,
12.2270

■ 9.7270, 5.6830,
12.6510

■ 125.5420, 4.7660,
12.7500

■ 0.0000, 0.0000,
0.0000

■ 150.9550, 5.0410,
13.2730

■ 177.9550, 5.0410,
13.2730

■ 205.3680, 5.3160,
13.7960

■ 233.7810, 5.5910,

14.3190

252.6520, 1.1000,
2.0920

53.3030, 3.9410,
11.1810

53.3030, 3.9410,
11.1810

48.8950, 5.2700,
14.6300

57.7110, 2.6120,
7.7320

44.4870, 6.5990,
18.0790

62.1190, 1.2830,
4.2830

40.3670, 7.0570,
20.7930

66.2390, 0.8250,
1.5690

35.9590, 8.3860,
24.2420

70.6470, -0.5040,
-1.8800

31.5510, 9.7150,
27.6910

75.0550, -1.8330,
-5.3290

■ 27.1430, 11.0440,
31.1400

■ 79.4630, -3.1620,
-8.7780

■ 24.4960, 11.5480,
33.0200

■ 83.8710, -4.4910,
-12.2270

■ 87.6920, -5.5450,
-15.1530

■ 92.3990, -6.2780,
-18.3900

Harmonies

Analogous

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



52.0670, -10.1340, 7.4500



53.3030, 3.9410, 11.1810



53.1640, 14.5780, 11.1380

Triad

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



53.3030, 3.9410, 11.1810



50.5640, 15.7270, -4.1850



40.8860, -35.2100, -11.6740

Complementary

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



53.3030, 3.9410, 11.1810



59.6970, -3.9410, -11.1810

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.



44.7860, -20.3090, -11.9010



53.3030, 3.9410, 11.1810



50.0250, 6.8790, -9.0330

Square

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



53.3030, 3.9410, 11.1810



51.8900, 20.8610, 1.8930



48.2130, -5.4540, -11.2940



41.5530, -38.4660, -7.7300

Rectangle

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



53.3030, 3.9410, 11.1810



52.4480, 19.5300, 9.4980



48.2130, -5.4540, -11.2940



41.3270, -32.1380, -12.2820

Sweetspot

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



53.3030, 3.9410, 11.1810



83.4180, 1.8790, 4.4950



49.9700, -8.4830, 5.0610



42.1790, 1.0540, 2.9260



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



53.3030, 3.9410, 11.1810



66.0740, 6.3240, 17.5560



53.7010, 8.5720, 9.8520



31.2390, 0.8250, 1.5690



34.9780, 16.5430, 47.1270



81.1500, 38.9520, 109.0960

Inverse Universe

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



52.3330, 12.4240, 6.1200



64.4480, 19.5300, 9.4980



59.2990, -8.5720, -9.8520



30.8970, 1.7880, 0.6360



30.9410, 52.3550, 25.8510



71.4220, 120.9850, 59.6170

Previews

White Background



This preview shows how the YIQ color 53.3030, 3.9410, 11.1810 looks on a white background.

Color Contrast Check

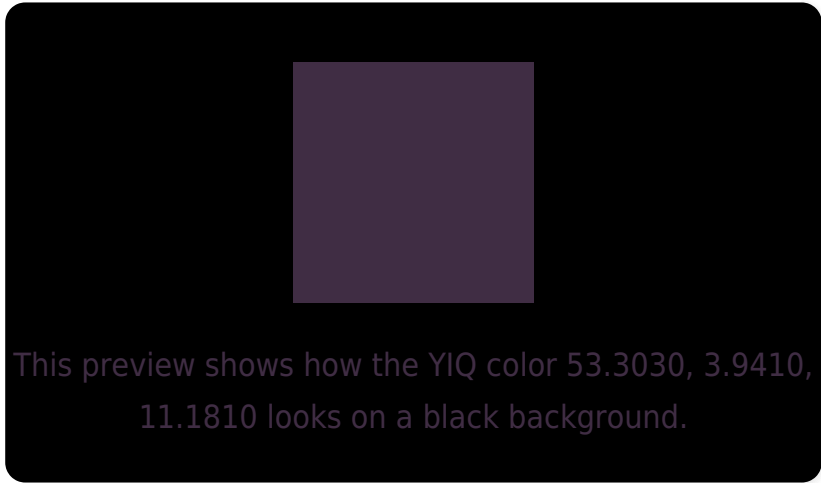
Large Text (above 18pt) WCAG AA ✓ Pass

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

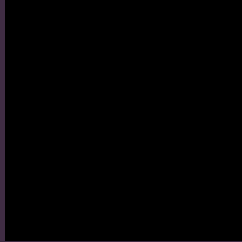
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.3030, 3.9410, 11.1810

Background



This preview shows how black text looks on a background with the YIQ color 53.3030, 3.9410, 11.1810.



This preview shows how white text looks on a background with the YIQ color 53.3030, 3.9410,

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

53.3030, 3.9410, 11.1810

Protanopia

51.7140, -10.6380, 5.5700

Deuteranopia

52.2260, -6.3280, 4.5520



Tritanopia

52.6420, 7.0600, 4.2120

Trichromacy



Original Color

53.3030, 3.9410, 11.1810

Protanomaly

52.4050, -5.2740, 7.4780

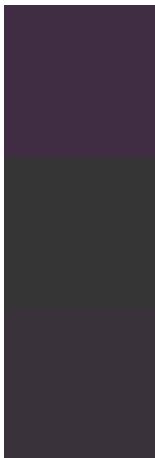
Deuteranomaly

52.5470, -2.7980, 6.6580

Tritanomaly

53.0380, 6.0050, 6.8130

Monochromacy



Original Color

53.3030, 3.9410, 11.1810

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.3030, 3.9410, 11.1810 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(64, 45, 68)` looks like.

```
.text, #text, p{  
    color:rgb(64, 45, 68)  
}
```

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(64, 45, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 45, 68) }
```

Border

The CSS property to change the border of an element to YIQ 53.3030, 3.9410, 11.1810 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(64, 45, 68) }
```


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

```
.border{ border-color:rgb(64, 45, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 45, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 45, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 45, 68);  
box-shadow:4px 4px 4px 4px rgb(64, 45, 68)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.3030, 3.9410, 11.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 45, 68) }
```

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

```
.background{ background-color: rgb(64, 45,  
68) }
```

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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