

Converting Colors

YIQ(52.5380, 10.5890, 11.8450)

Have a look what the booklet for
YIQ(52.5380, 10.5890, 11.8450)
contains.

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Color

**YIQ(52.5380, 10.5890,
11.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	462A3D
RGB	70, 42, 61
RGB Percent	27%, 16%, 24%
CMY	0.7254, 0.8353, 0.7608
CMYK	0.00, 0.40, 0.13, 0.73
HSL	319°, 25%, 22%
HSV	319°, 40%, 27%
XYZ	4.1973, 3.2949, 4.8306
YIQ	52.5380, 10.5890, 11.8450

Conversions

Conversions Part 2

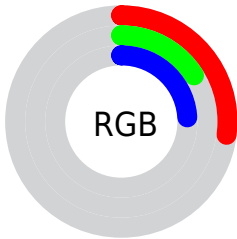
Format	Color
RYB	70, 42, 61
Decimal	4598333
CIELab	21.19, 16.44, -6.68
CIELCh	21, 17.744, 337.871
Yxy	3.2949, 0.3406, 0.2674
Android (android.graphics.Color)	4282788413 (0xFF462A3D)
YUV	52.5380, 4.1718, 15.3142
Hunter-Lab	18.1519, 9.5086, -3.0720

Details

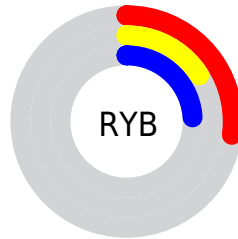
The YIQ color **52.5380, 10.5890, 11.8450** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **59.4620, -10.5890, -11.8450**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.5490, 12.0560, 12.7920**, and **10.8370, 11.1850, 12.0570** is the 20% darker color. If you saturate the color by 10%, you get **48.2010, 13.1560, 14.8840**, and if you desaturate by 10%, it is **56.8750, 8.0220, 8.8060**.

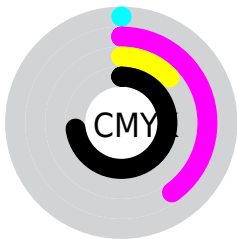
Distribution



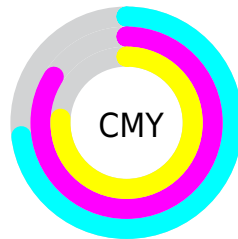
- Red (27%)
- Green (16%)
- Blue (24%)



- Red (27%)
- Yellow (16%)
- Blue (24%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (73%)



- Cyan (73%)
- Magenta (84%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.5380, 10.5890, 11.8450 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 52.5380, 10.5890, 11.8450 by changing the saturation by 10% instead.

■ 52.5380, 10.5890,
11.8450

■ 52.5380, 10.5890,
11.8450

■ 255.0000, -0.0000,
-0.0000

■ 30.8260, 9.7180,
11.1100

■ 99.5490, 12.0560,
12.7920

■ 10.8370, 11.1850,
12.0570

■ 124.9620, 12.3310,
13.3150

■ 0.0000, 0.0000,
0.0000

■ 150.6740, 13.2020,
14.0500

■ 177.0870, 13.4770,
14.5730

■ 205.0870, 13.4770,
14.5730

■ 233.0870, 13.4770,

14.5730

250.8910, 1.9250,
3.6610

52.5380, 10.5890,
11.8450

52.5380, 10.5890,
11.8450

48.2010, 13.1560,
14.8840

56.8750, 8.0220,
8.8060

43.8640, 15.7230,
17.9230

61.3260, 5.1340,
6.0780

39.4130, 18.6110,
20.6510

65.6630, 2.5670,
3.0390

35.0760, 21.1780,
23.6900

70.0000, 0.0000,
0.0000

30.7390, 23.7450,
26.7290

74.3370, -2.5670,
-3.0390

■ 26.4020, 26.3120,
29.7680

■ 78.7880, -5.4550,
-5.7670

■ 83.1250, -8.0220,
-8.8060

■ 87.4620, -10.5890,
-11.8450

■ 91.7990, -13.1560,
-14.8840

Harmonies

Analogous

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



52.2530, -1.7900, 10.4180



52.5380, 10.5890, 11.8450



51.6760, 18.8880, 10.1200

Triad

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



52.5380, 10.5890, 11.8450



49.5310, 11.3260, -7.0260



41.0970, -37.1820, -8.9740

Complementary

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



52.5380, 10.5890, 11.8450



59.4620, -10.5890, -11.8450

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.



41.0990, -31.4960, -12.9040



52.5380, 10.5890, 11.8450



48.2630, 0.2770, -10.5310

Square

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



52.5380, 10.5890, 11.8450



50.7000, 18.3400, -1.9800



45.6080, -13.9360, -11.7600



44.1240, -32.6440, -3.1080

Rectangle

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



52.5380, 10.5890, 11.8450



51.2370, 21.5020, 6.7980



45.6080, -13.9360, -11.7600



41.2280, -36.1730, -10.7410

Sweetspot

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



52.5380, 10.5890, 11.8450



85.0870, 4.3090, 4.5090



47.8830, -3.6240, 10.6160



41.6630, 2.5670, 3.0390



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.



52.5380, 10.5890, 11.8450



64.5760, 16.5940, 18.6580



50.9420, 15.0830, 7.4910



33.5380, 1.4210, 1.7810



37.2390, 37.4970, 41.8250



85.4290, 85.8580, 96.0180

Inverse Universe

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



52.5380, 10.5890, 11.8450



64.5760, 16.5940, 18.6580



61.0580, -15.0830, -7.4910



33.5380, 1.4210, 1.7810



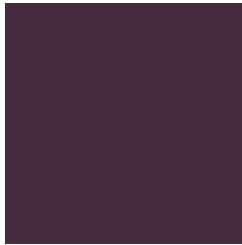
37.2390, 37.4970, 41.8250



85.4290, 85.8580, 96.0180

Previews

White Background



This preview shows how the YIQ color 52.5380, 10.5890, 11.8450 looks on a white background.

Color Contrast Check

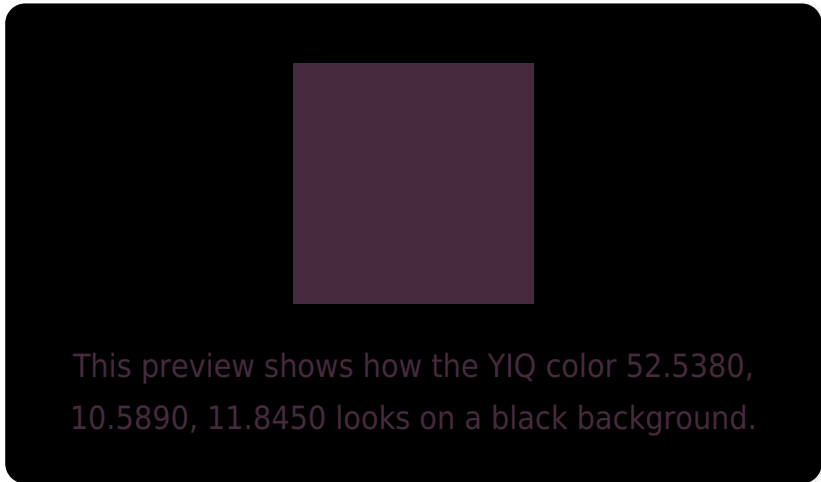
Large Text (above 18pt) WCAG AA ✓ Pass

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

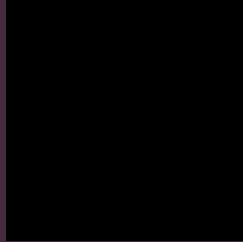
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.5380, 10.5890, 11.8450

Background



This preview shows how black text looks on a background with the YIQ color 52.5380, 10.5890, 11.8450.



This preview shows how white text looks on a background with the YIQ color 52.5380, 10.5890,

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

52.5380, 10.5890, 11.8450

Protanopia

51.6280, -7.5200, 4.1280

Deuteranopia

51.7380, -2.0180, 3.5340



Tritanopia

52.5180, 13.3410, 6.0210

Trichromacy



Original Color

52.5380, 10.5890, 11.8450

Protanomaly

52.0310, -1.2850, 6.7710

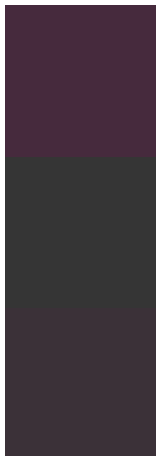
Deuteranomaly

52.0700, 2.9790, 6.5870

Tritanomaly

52.5010, 12.0110, 8.0990

Monochromacy



Original Color

52.5380, 10.5890, 11.8450

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.7880, 3.7130, 4.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.5380, 10.5890, 11.8450 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(70, 42, 61)` looks like.

```
.text, #text, p{  
    color:rgb(70, 42, 61)  
}
```

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(70, 42, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 42, 61) }
```

Border

The CSS property to change the border of an element to YIQ 52.5380, 10.5890, 11.8450 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(70, 42, 61) }
```


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

```
.border{ border-color:rgb(70, 42, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 42, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 42, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 42, 61);  
box-shadow:4px 4px 4px 4px rgb(70, 42, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.5380, 10.5890, 11.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 42, 61) }
```

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

```
.background{ background-color: rgb(70, 42,  
61) }
```

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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