

Converting Colors

YIQ(38.3700, 11.0020, 9.8660)

Have a look what the booklet for
YIQ(38.3700, 11.0020, 9.8660)
contains.

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Color

**YIQ(38.3700, 11.0020,
9.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	371D2B
RGB	55, 29, 43
RGB Percent	22%, 11%, 17%
CMY	0.7842, 0.8863, 0.8313
CMYK	0.00, 0.47, 0.22, 0.78
HSL	328°, 31%, 16%
HSV	328°, 47%, 22%
XYZ	2.4518, 1.8654, 2.5171
YIQ	38.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

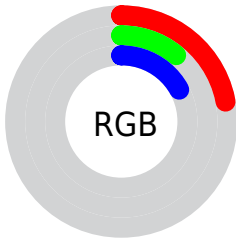
Format	Color
R_{YB}	55, 29, 43
Decimal	3611947
CIE _{Lab}	14.76, 15.13, -3.93
CIE _{LCh}	15, 15.634, 345.433
Yxy	1.8654, 0.3587, 0.2729
Android (android.graphics.Color)	4281802027 (0xFF371D2B)
YUV	38.3700, 2.2826, 14.5845
Hunter-Lab	13.6580, 8.1421, -1.3664

Details

The YIQ color **38.3700, 11.0020, 9.8660** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.6300, -11.0020, -9.8660**, and the grayscale version is **38.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **83.6800, 13.0650, 11.0250**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.5060, 13.6150, 12.0710**, and if you desaturate by 10%, it is **41.6470, 8.6640, 8.1840**.

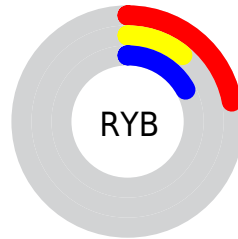
Distribution



Red (22%)

Green (11%)

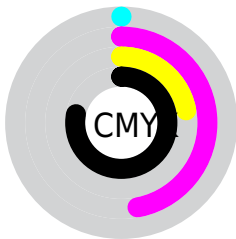
Blue (17%)



Red (22%)

Yellow (11%)

Blue (17%)

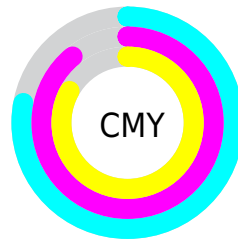


Cyan (0%)

Magenta (47%)

Yellow (22%)

Black (78%)



Cyan (78%)

Magenta (89%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.3700, 11.0020, 9.8660 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 38.3700, 11.0020, 9.8660 by changing the saturation by 10% instead.

■ 38.3700, 11.0020,
9.8660

■ 38.3700, 11.0020,
9.8660

255.0000, -0.0000,
-0.0000

■ 16.3100, 11.2310,
11.2230

■ 83.6800, 13.0650,
11.0250

■ 0.0000, 0.0000,
0.0000

■ 108.0930, 13.3400,
11.5480

■ 133.3920, 13.9360,
11.7600

■ 159.6910, 14.5320,
11.9720

■ 187.1040, 14.8070,
12.4950

■ 214.4030, 15.4030,

12.7070

239.5270, 9.1220,
10.8980

38.3700, 11.0020,
9.8660

38.3700, 11.0020,
9.8660

34.5060, 13.6150,
12.0710

41.6470, 8.6640,
8.1840

31.3430, 15.6320,
14.0640

45.3970, 6.3720,
5.6680

27.4790, 18.2450,
16.2690

48.6740, 4.0340,
3.9860

24.3160, 20.2620,
18.2620

52.4240, 1.7420,
1.4700

20.4520, 22.8750,
20.4670

55.7010, -0.5960,
-0.2120

■ 19.8650, 23.1500,
20.9900

■ 59.4510, -2.8880,
-2.7280

■ 63.3150, -5.5010,
-4.9330

■ 66.4780, -7.5180,
-6.9260

■ 70.3420, -10.1310,
-9.1310

Harmonies

Analogous

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



38.2810, 1.0070, 9.2870



38.3700, 11.0020, 9.8660



37.4260, 16.5960, 7.6040

Triad

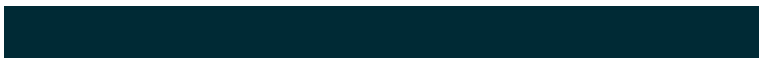
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.3700, 11.0020, 9.8660



35.6770, 7.9790, -6.9410



30.6960, -28.5630, -5.4830

Complementary

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



38.3700, 11.0020, 9.8660



45.6300, -11.0020, -9.8660

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.



30.1430, -25.6280, -9.1160



38.3700, 11.0020, 9.8660



34.2350, -2.5200, -9.4000

Square

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



38.3700, 11.0020, 9.8660



36.9060, 14.7640, -3.2520



32.0640, -15.2200, -10.5160



32.4840, -24.8500, -1.1860

Rectangle

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



38.3700, 11.0020, 9.8660



37.5030, 17.6970, 4.1690



32.0640, -15.2200, -10.5160



30.9410, -27.8750, -6.9390

Sweetspot

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



38.3700, 11.0020, 9.8660



64.6740, 4.0340, 3.9860



35.5520, -1.1940, 10.6300



32.1360, 2.6130, 2.2050



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.



38.3700, 11.0020, 9.8660



45.4680, 16.7780, 15.3220



36.8880, 15.1750, 5.8230



26.1250, 1.1460, 1.2580



33.0940, 39.1030, 34.7430



78.9330, 92.6460, 83.1260

Inverse Universe

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



38.3700, 11.0020, 9.8660



45.4680, 16.7780, 15.3220



47.1120, -15.1750, -5.8230



26.1250, 1.1460, 1.2580



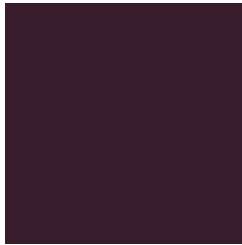
33.0940, 39.1030, 34.7430



78.9330, 92.6460, 83.1260

Previews

White Background



This preview shows how the YIQ color 38.3700, 11.0020, 9.8660 looks on a white background.

Color Contrast Check

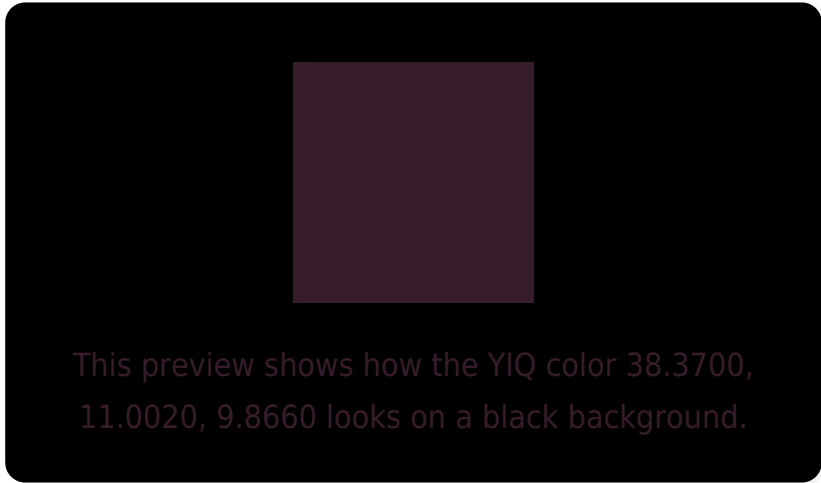
Large Text (above 18pt) WCAG AA ✓ Pass

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

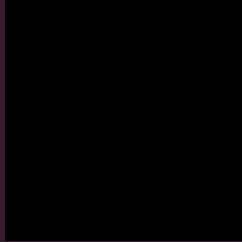
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.3700, 11.0020, 9.8660

Background



This preview shows how black text looks on a background with the YIQ color 38.3700, 11.0020, 9.8660.



This preview shows how white text looks on a background with the YIQ color 38.3700, 11.0020,

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

38.3700, 11.0020, 9.8660

Protanopia

37.7700, -5.0440, 3.3080

Deuteranopia

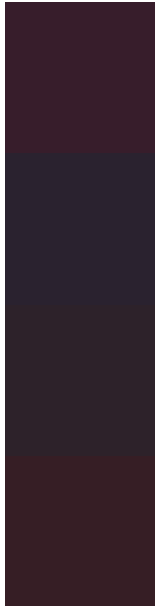
38.4670, 0.1830, 2.1910



Tritanopia

38.1050, 13.0660, 5.4980

Trichromacy



Original Color

38.3700, 11.0020, 9.8660

Protanomaly

37.8740, 0.5950, 5.7390

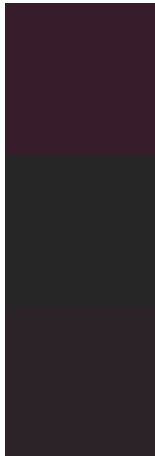
Deuteranomaly

38.2010, 3.9880, 4.8200

Tritanomaly

37.9740, 12.0570, 7.2650

Monochromacy



Original Color

38.3700, 11.0020, 9.8660

Achromatopsia

38.0000, -0.0000, -0.0000

Achromatomaly

38.2610, 3.7590, 3.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.3700, 11.0020, 9.8660 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(55, 29, 43)` looks like.

```
.text, #text, p{  
    color:rgb(55, 29, 43)  
}
```

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(55, 29, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 29, 43) }
```

Border

The CSS property to change the border of an element to YIQ 38.3700, 11.0020, 9.8660 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(55, 29, 43) }
```


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

```
.border{ border-color:rgb(55, 29, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 29, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 29, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 29, 43);  
box-shadow:4px 4px 4px 4px rgb(55, 29, 43)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.3700, 11.0020, 9.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 29, 43) }
```

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

```
.background{ background-color: rgb(55, 29,  
43) }
```

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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