

Converting Colors

YIQ(38.3950, 27.0490, 10.8970)

Have a look what the booklet for
YIQ(38.3950, 27.0490, 10.8970)
contains.

YIQ(38.3950, 27.0490, 10.8970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(38.3950, 27.0490,
10.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	47181B
RGB	71, 24, 27
RGB Percent	28%, 9%, 11%
CMY	0.7215, 0.9059, 0.8940
CMYK	0.00, 0.66, 0.62, 0.72
HSL	356°, 50%, 19%
HSV	356°, 66%, 28%
XYZ	3.1250, 2.0724, 1.2738
YIQ	38.3950, 27.0490, 10.8970

Conversions

Conversions Part 2

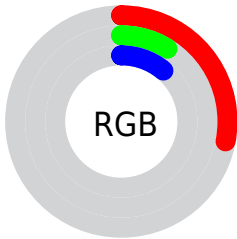
Format	Color
RYB	71, 24, 27
Decimal	4659227
CIELab	15.86, 22.84, 9.53
CIELCh	16, 24.750, 22.654
Yxy	2.0724, 0.4829, 0.3202
Android (android.graphics.Color)	4282849307 (0xFF47181B)
YUV	38.3950, -5.6177, 28.5946
Hunter-Lab	14.3958, 13.5558, 4.8307




Details

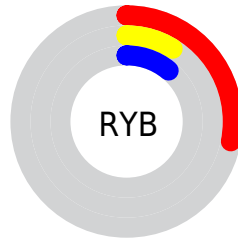
The YIQ color **38.3950, 27.0490, 10.8970** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **56.6050, -27.0490, -10.8970**, and the grayscale version is **38.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **85.2600, 31.8630, 11.7590**, and **3.8870, 7.7480, 2.7560** is the 20% darker color. If you saturate the color by 10%, you get **33.4880, 31.2210, 12.3810**, and if you desaturate by 10%, it is **43.3020, 22.8770, 9.4130**.

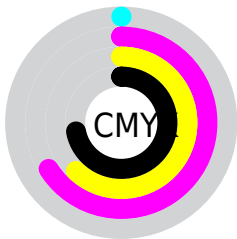
Distribution







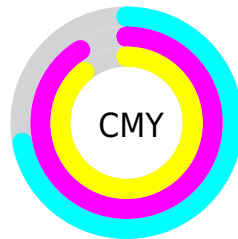
-  Red (28%)
-  Green (9%)
-  Blue (11%)






-  Red (28%)
-  Yellow (9%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (66%)
-  Yellow (62%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (91%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.3950, 27.0490, 10.8970 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 38.3950, 27.0490, 10.8970 by changing the saturation by 10% instead.

■ 38.3950, 27.0490,
10.8970

■ 38.3950, 27.0490,
10.8970

■ 254.8860, 0.3210,
-0.3110

■ 14.9390, 28.3330,
9.6530

■ 85.2600, 31.8630,
11.7590

■ 3.8870, 7.7480,
2.7560

■ 110.4450, 32.7800,
11.6600

■ 0.0000, 0.0000,
0.0000

■ 136.2280, 34.8890,
11.9850

■ 162.8260, 36.0810,
12.4090

■ 189.7230, 37.8690,
13.0450

■ 215.6300, 33.6970,

11.5610

■ 235.2580, 17.0090,
5.6250

■ 38.3950, 27.0490,
10.8970

■ 38.3950, 27.0490,
10.8970

■ 33.4880, 31.2210,
12.3810

■ 43.3020, 22.8770,
9.4130

■ 28.6950, 35.0720,
14.1760

■ 48.0950, 19.0260,
7.6180

■ 23.7880, 39.2440,
15.6600

■ 53.0020, 14.8540,
6.1340

■ 21.7990, 40.7110,
16.6070

■ 57.9090, 10.6820,
4.6500

■ 62.7020, 6.8310,
2.8550

■ 68.1960, 2.3840,
0.8480

■ 73.1030, -1.7880,
-0.6360

■ 77.8960, -5.6390,
-2.4310

■ 82.8030, -9.8110,
-3.9150

Harmonies

Analogous

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



39.2620, 20.3540, 16.5940



38.3950, 27.0490, 10.8970



38.1850, 27.2800, 1.2000

Triad

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



38.3950, 27.0490, 10.8970



32.8270, -10.3590, -16.0150



33.6770, -35.5790, 0.5250

Complementary

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



38.3950, 27.0490, 10.8970



56.6050, -27.0490, -10.8970

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.



34.6400, -34.1570, -3.2210



38.3950, 27.0490, 10.8970



32.0520, -24.1140, -14.5300

Square

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



38.3950, 27.0490, 10.8970



35.4180, 9.9060, -14.3340



34.1040, -29.8920, -8.9320



39.4950, -14.2150, 9.8250

Rectangle

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



38.3950, 27.0490, 10.8970



37.5880, 24.3470, -6.2210



34.1040, -29.8920, -8.9320



34.1500, -35.5330, -0.3090

Sweetspot

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



38.3950, 27.0490, 10.8970



78.9090, 10.6820, 4.6500



42.5140, 11.1370, 23.9450



38.4030, 6.2350, 2.6430



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.



38.3950, 27.0490, 10.8970



41.3970, 41.9030, 17.0310



49.7930, 22.5120, -0.4960



33.1960, 2.3840, 0.8480



30.2850, 57.0780, 22.8540



69.5830, 130.4770, 52.7890

Inverse Universe

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



38.3950, 27.0490, 10.8970



41.3970, 41.9030, 17.0310



45.2070, -22.5120, 0.4960



33.1960, 2.3840, 0.8480



30.2850, 57.0780, 22.8540



69.5830, 130.4770, 52.7890

Previews

White Background



This preview shows how the YIQ color 38.3950, 27.0490, 10.8970 looks on a white background.

Color Contrast Check

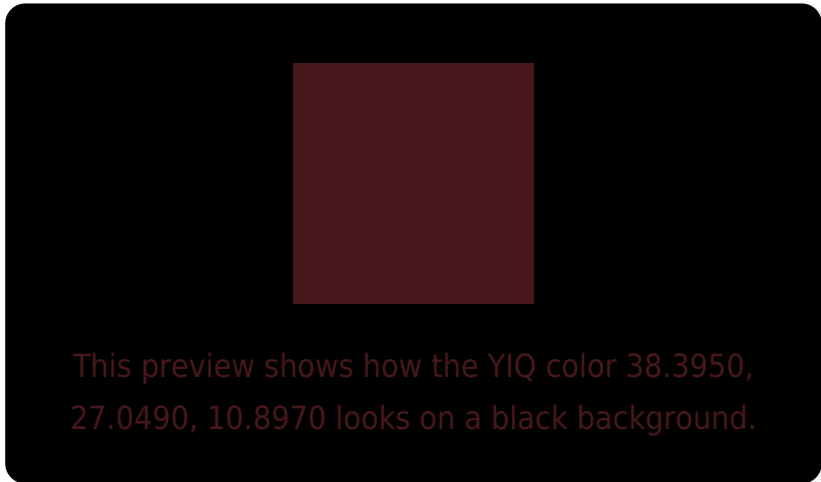
Large Text (above 18pt) WCAG AA ✓ Pass

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

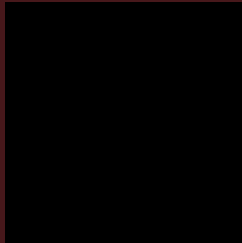
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.3950, 27.0490, 10.8970

Background



This preview shows how black text looks on a background with the YIQ color 38.3950, 27.0490, 10.8970.



This preview shows how white text looks on a background with the YIQ color 38.3950, 27.0490,

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

38.3950, 27.0490, 10.8970

Protanopia

40.8000, 3.4390, -1.7530

Deuteranopia

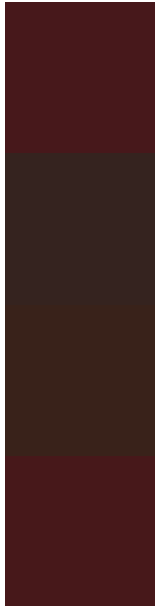
40.3940, 10.4540, -2.2340



Tritanopia

38.2810, 27.3700, 10.5860

Trichromacy



Original Color

38.3950, 27.0490, 10.8970

Protanomaly

39.9260, 12.0120, 2.5720

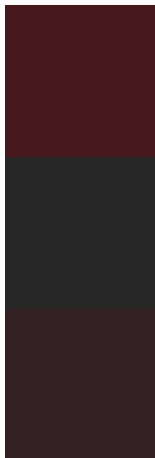
Deuteranomaly

39.9650, 16.2760, 2.3880

Tritanomaly

38.2810, 27.3700, 10.5860

Monochromacy



Original Color

38.3950, 27.0490, 10.8970

Achromatopsia

38.0000, -0.0000, -0.0000

Achromatomaly

38.1970, 9.8110, 3.9150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.3950, 27.0490, 10.8970 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(71, 24, 27)` looks like.

```
.text, #text, p{  
    color:rgb(71, 24, 27)  
}
```

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(71, 24, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 24, 27) }
```

Border

The CSS property to change the border of an element to YIQ 38.3950, 27.0490, 10.8970 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(71, 24, 27) }
```


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

```
.border{ border-color:rgb(71, 24, 27) }
```

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

Here you see how a box with a 4 pixel rgb(71, 24, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 24, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 24, 27);  
box-shadow:4px 4px 4px 4px rgb(71, 24, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.3950, 27.0490, 10.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 24, 27) }
```

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

```
.background{ background-color: rgb(71, 24,  
27) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor