

Converting Colors

YIQ(42.0270, 40.0690, 17.2290)

Have a look what the booklet for
YIQ(42.0270, 40.0690, 17.2290)
contains.

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Color

**YIQ(42.0270, 40.0690,
17.2290)**

Conversions

Conversions Part 1

Format	Color
Hex	5B141B
RGB	91, 20, 27
RGB Percent	36%, 8%, 11%
CMY	0.6430, 0.9217, 0.8940
CMYK	0.00, 0.78, 0.70, 0.64
HSL	354°, 64%, 22%
HSV	354°, 78%, 36%
XYZ	4.7667, 2.8050, 1.3295
YIQ	42.0270, 40.0690, 17.2290

Conversions

Conversions Part 2

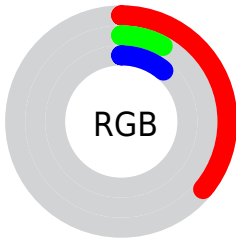
Format	Color
RYB	91, 20, 27
Decimal	5968923
CIELab	19.25, 32.47, 14.71
CIELCh	19, 35.645, 24.379
Yxy	2.8050, 0.5355, 0.3151
Android (android.graphics.Color)	4284159003 (0xFF5B141B)
YUV	42.0270, -7.4083, 42.9493
Hunter-Lab	16.7480, 21.4938, 7.0171

Details

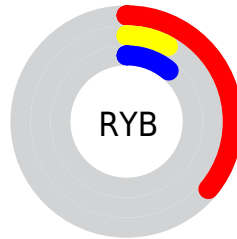
The YIQ color **42.0270, 40.0690, 17.2290** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **68.9730, -40.0690, -17.2290**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **92.1370, 45.5710, 16.6350**, and **12.6720, 24.7110, 9.2150** is the 20% darker color. If you saturate the color by 10%, you get **35.8320, 45.1120, 19.4480**, and if you desaturate by 10%, it is **48.2220, 35.0260, 15.0100**.

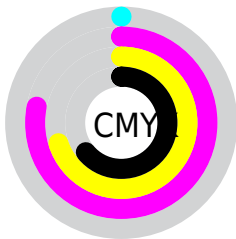
Distribution



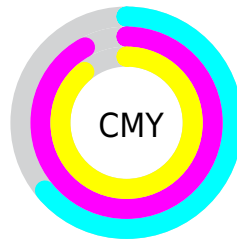
- Red (36%)
- Green (8%)
- Blue (11%)



- Red (36%)
- Yellow (8%)
- Blue (11%)



- Cyan (0%)
- Magenta (78%)
- Yellow (70%)
- Black (64%)



- Cyan (64%)
- Magenta (92%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.0270, 40.0690, 17.2290 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 42.0270, 40.0690, 17.2290 by changing the saturation by 10% instead.

■ 42.0270, 40.0690,
17.2290

■ 42.0270, 40.0690,
17.2290

■ 254.8860, 0.3210,
-0.3110

■ 19.4350, 38.7400,
13.7800

■ 92.1370, 45.5710,
16.6350

■ 12.6720, 24.7110,
9.2150

■ 117.9200, 47.6800,
16.9600

■ 0.0000, 0.0000,
0.0000


■ 144.0020, 50.3850,
17.4970


■ 171.4860, 51.8980,
17.6100


■ 197.2900, 49.5140,
16.7620


■ 216.8040, 33.1470,


10.5150


 236.4320, 16.4590,
4.5790


 42.0270, 40.0690,
17.2290


 42.0270, 40.0690,
17.2290


 35.8320, 45.1120,
19.4480


 48.2220, 35.0260,
15.0100


 29.6370, 50.1550,
21.6670

 54.4170, 29.9830,
12.7910

 28.2350, 51.3470,
22.0910

 60.7260, 24.6190,
10.8830

 66.9210, 19.5760,
8.6640

 73.1160, 14.5330,
6.4450

■ 79.8980, 9.2150,
3.7030

■ 86.0930, 4.1720,
1.4840

■ 92.4020, -1.1920,
-0.4240

■ 98.5970, -6.2350,
-2.6430

Harmonies

Analogous

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



42.6320, 31.3560, 26.4600



42.0270, 40.0690, 17.2290



43.0030, 39.4760, 0.4360

Triad

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



42.0270, 40.0690, 17.2290



34.4680, -19.8940, -24.9340



41.2230, -45.8040, 4.1160

Complementary

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



42.0270, 40.0690, 17.2290



68.9730, -40.0690, -17.2290

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.



43.0180, -43.9690, -1.6090



42.0270, 40.0690, 17.2290



38.7200, -29.1110, -17.5830

Square

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



42.0270, 40.0690, 17.2290



41.5980, 9.2190, -18.4050



41.6840, -37.4570, -9.4970



45.5360, -21.4600, 14.4760

Rectangle

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



42.0270, 40.0690, 17.2290



44.4100, 30.7200, -6.0800



41.6840, -37.4570, -9.4970



42.1690, -45.7120, 2.4480

Sweetspot

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



42.0270, 40.0690, 17.2290



98.4150, 15.1290, 6.6570



47.2300, 15.3530, 35.6490



47.3110, 9.4900, 4.2260



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



42.0270, 40.0690, 17.2290



41.1440, 62.0290, 26.7410



57.6650, 34.6160, 0.4080



42.6090, 2.6590, 1.3710



34.1440, 62.0290, 26.7410



73.5990, 133.5480, 57.7080

Inverse Universe

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



42.0270, 40.0690, 17.2290



41.1440, 62.0290, 26.7410



53.3350, -34.6160, -0.4080



42.6090, 2.6590, 1.3710



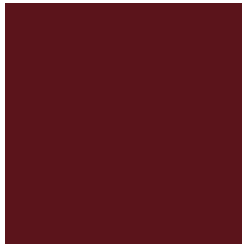
34.1440, 62.0290, 26.7410



73.5990, 133.5480, 57.7080

Previews

White Background



This preview shows how the YIQ color 42.0270, 40.0690, 17.2290 looks on a white background.

Color Contrast Check

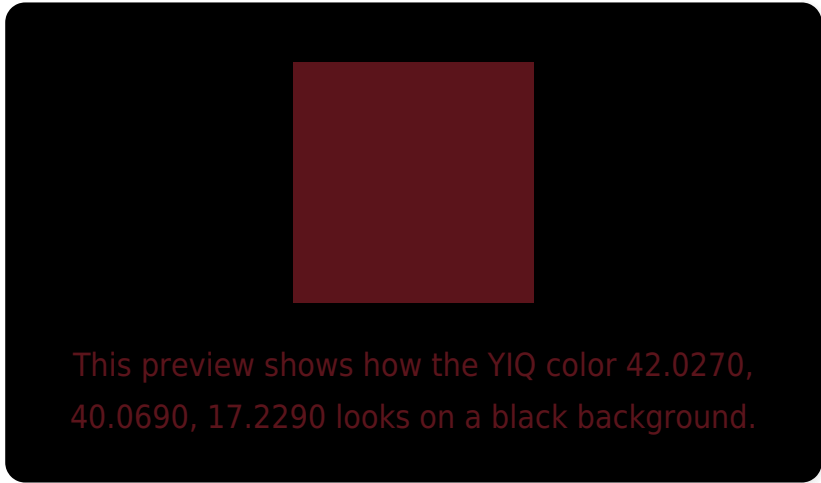
Large Text (above 18pt) WCAG AA ✓ Pass

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

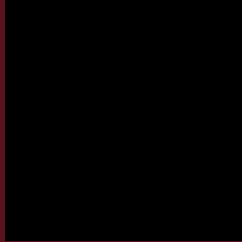
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.0270, 40.0690, 17.2290

Background



This preview shows how black text looks on a background with the YIQ color 42.0270, 40.0690, 17.2290.

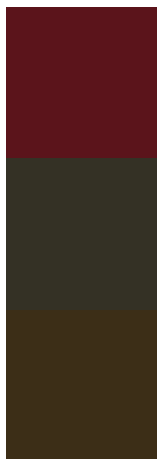


This preview shows how white text looks on a background with the YIQ color 42.0270, 40.0690,

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

42.0270, 40.0690, 17.2290

Protanopia

48.5290, 5.6400, -3.0960

Deuteranopia

47.5640, 15.7270, -4.1850



Tritanopia

41.9300, 41.7200, 14.8400

Trichromacy



Original Color

42.0270, 40.0690, 17.2290

Protanomaly

45.8020, 18.2930, 4.3810

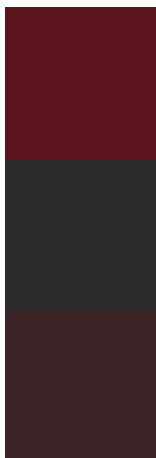
Deuteranomaly

45.6840, 24.4370, 3.1650

Tritanomaly

42.1580, 41.0780, 15.4620

Monochromacy



Original Color

42.0270, 40.0690, 17.2290

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.1160, 14.5330, 6.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.0270, 40.0690, 17.2290 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(91, 20, 27)` looks like.

```
.text, #text, p{  
    color:rgb(91, 20, 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(91, 20, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 20, 27) }
```

Border

The CSS property to change the border of an element to YIQ 42.0270, 40.0690, 17.2290 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(91, 20, 27) }
```


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

```
.border{ border-color:rgb(91, 20, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 20, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 20, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 20, 27);  
box-shadow:4px 4px 4px 4px rgb(91, 20, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.0270, 40.0690, 17.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 20, 27) }
```

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

```
.background{ background-color: rgb(91, 20,  
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](#).

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