

Converting Colors

YIQ(38.4300, 2.7460, 27.3380)

Have a look what the booklet for
YIQ(38.4300, 2.7460, 27.3380)
contains.

YIQ(38.4300, 2.7460, 27.3380)	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(38.4300, 2.7460,
27.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1452
RGB	58, 20, 82
RGB Percent	23%, 8%, 32%
CMY	0.7724, 0.9216, 0.6785
CMYK	0.29, 0.76, 0.00, 0.68
HSL	277°, 61%, 20%
HSV	277°, 76%, 32%
XYZ	3.5193, 2.0093, 8.1831
YIQ	38.4300, 2.7460, 27.3380

Conversions

Conversions Part 2

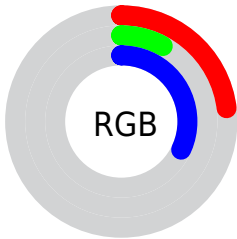
Format	Color
R _Y B	58, 20, 82
Decimal	3806290
CIE Lab	15.54, 30.72, -30.03
CIE LCh	16, 42.959, 315.653
Yxy	2.0093, 0.2567, 0.1465
Android (android.graphics.Color)	4281996370 (0xFF3A1452)
YUV	38.4300, 21.4800, 17.1629
Hunter-Lab	14.1751, 19.5109, -24.3048

Details

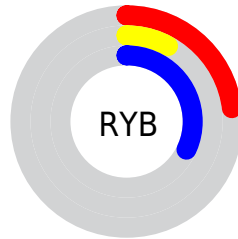
The YIQ color **38.4300, 2.7460, 27.3380** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **63.5700, -2.7460, -27.3380**, and the grayscale version is **38.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **86.0820, 3.8460, 29.4300**, and **4.7020, -10.3640, 11.6200** is the 20% darker color. If you saturate the color by 10%, you get **32.8370, 3.1580, 30.8860**, and if you desaturate by 10%, it is **44.0230, 2.3340, 23.7900**.

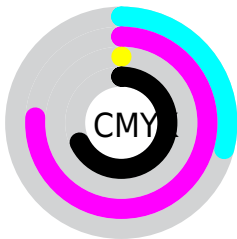
Distribution



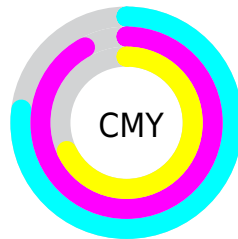
- Red (23%)
- Green (8%)
- Blue (32%)



- Red (23%)
- Yellow (8%)
- Blue (32%)



- Cyan (29%)
- Magenta (76%)
- Yellow (0%)
- Black (68%)



- Cyan (77%)
- Magenta (92%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.4300, 2.7460, 27.3380 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 38.4300, 2.7460, 27.3380 by changing the saturation by 10% instead.

■ 38.4300, 2.7460,
27.3380

■ 38.4300, 2.7460,
27.3380

■ 253.8260, 0.5500,
1.0460

■ 17.1910, 1.9210,
25.7690

■ 86.0820, 3.8460,
29.4300

■ 4.7020, -10.3640,
11.6200

■ 110.9080, 4.3960,
30.4760

■ 1.3680, -3.8520,
3.7320

■ 137.3210, 4.6710,
30.9990


■ 0.0000, 0.0000,
0.0000

■ 163.2610, 4.9000,
32.3560

■ 190.7880, 4.8540,
33.1900

■ 217.3770, 10.2650,


28.7370


 236.8030, 8.5250,
16.2130


 38.4300, 2.7460,
27.3380


 38.4300, 2.7460,
27.3380

 32.8370, 3.1580,
30.8860


 44.0230, 2.3340,
23.7900


 27.2440, 3.5700,
34.4340

 49.6160, 1.9220,
20.2420

 24.2980, 3.4780,
36.1020

 56.0950, 1.8310,
16.3830

 61.6880, 1.4190,
12.8350

 67.2810, 1.0070,
9.2870

■ 72.8740, 0.5950,
5.7390

■ 78.4670, 0.1830,
2.1910

■ 84.6470, -0.5040,
-1.8800

■ 90.5390, -0.3200,
-5.2160

Harmonies

Analogous

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



33.5920, -42.2290, 10.9150



38.4300, 2.7460, 27.3380



31.3860, 32.4090, 34.9130

Triad

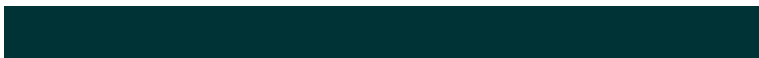
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.4300, 2.7460, 27.3380



37.0230, 27.5560, -3.8040



36.0930, -31.3590, -9.8790

Complementary

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



38.4300, 2.7460, 27.3380



63.5700, -2.7460, -27.3380

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.



31.8580, -20.8120, -19.3080



38.4300, 2.7460, 27.3380



35.1190, 9.3100, -14.5460

Square

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



38.4300, 2.7460, 27.3380



31.8500, 44.7010, 10.3730



28.1760, -13.2000, -25.1040



38.6980, -40.0720, -0.6480

Rectangle

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



38.4300, 2.7460, 27.3380



30.9000, 42.4050, 29.9650



28.1760, -13.2000, -25.1040



34.9530, -28.1490, -12.9890

Sweetspot

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



38.4300, 2.7460, 27.3380



89.6340, 1.5110, 11.1670



41.7430, -26.7770, 6.2070



43.4010, 0.5490, 6.5730



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



38.4300, 2.7460, 27.3380



38.6990, 4.0270, 42.6750



44.9220, 18.9760, 30.5600



38.0540, -0.0920, 1.6680



31.1060, 4.4390, 46.2230



68.9060, 10.1600, 102.2560

Inverse Universe

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



41.2740, 29.2480, 20.6080



43.2210, 45.9350, 32.0710



57.0780, -18.9760, -30.5600



38.3100, 2.0630, 1.1590



35.9550, 49.7400, 34.7000



79.6280, 109.3820, 77.1740

Previews

White Background



This preview shows how the YIQ color 38.4300, 2.7460, 27.3380 looks on a white background.

Color Contrast Check

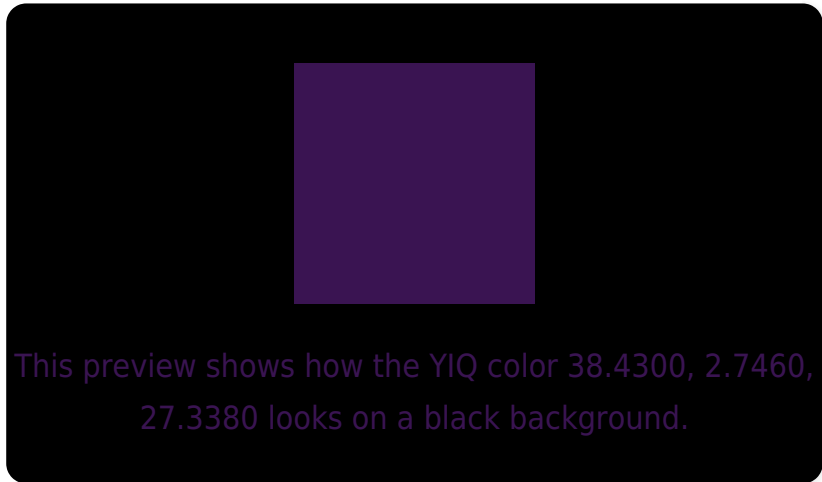
Large Text (above 18pt) WCAG AA ✓ Pass

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

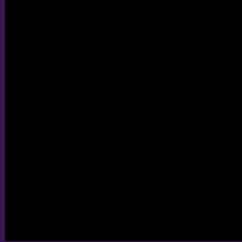
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.4300, 2.7460, 27.3380

Background



This preview shows how black text looks on a background with the YIQ color 38.4300, 2.7460, 27.3380.



This preview shows how white text looks on a background with the YIQ color 38.4300, 2.7460,

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

38.4300, 2.7460, 27.3380

Protanopia

32.2410, -37.0470, 5.1050

Deuteranopia

32.1610, -34.0660, 0.6380



Tritanopia

40.8270, 7.9770, 4.1130

Trichromacy



Original Color

38.4300, 2.7460, 27.3380

Protanomaly

34.4110, -22.6060, 13.2180

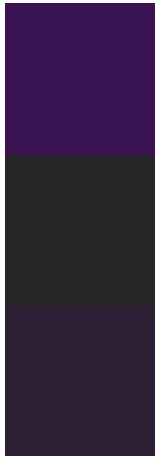
Deuteranomaly

34.2000, -20.6340, 10.5180

Tritanomaly

40.0260, 6.2790, 12.8630

Monochromacy



Original Color

38.4300, 2.7460, 27.3380

Achromatopsia

38.0000, -0.0000, -0.0000

Achromatomaly

37.8080, 0.9610, 10.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.4300, 2.7460, 27.3380 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(58, 20, 82)` looks like.

```
.text, #text, p{  
    color:rgb(58, 20, 82)  
}
```

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(58, 20, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 20, 82) }
```

Border

The CSS property to change the border of an element to YIQ 38.4300, 2.7460, 27.3380 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(58, 20, 82) }
```


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

```
.border{ border-color:rgb(58, 20, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 20, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 20, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 20, 82);  
box-shadow:4px 4px 4px 4px rgb(58, 20, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.4300, 2.7460, 27.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 20, 82) }
```

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

```
.background{ background-color: rgb(58, 20,  
82) }
```

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