

Converting Colors

YIQ(45.7130, 8.2980, 3.8020)

Have a look what the booklet for
YIQ(45.7130, 8.2980, 3.8020)
contains.

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Color

YIQ(45.7130, 8.2980, 3.8020)

Conversions

Conversions Part 1

Format	Color
Hex	38292B
RGB	56, 41, 43
RGB Percent	22%, 16%, 17%
CMY	0.7804, 0.8392, 0.8313
CMYK	0.00, 0.27, 0.23, 0.78
HSL	352°, 15%, 19%
HSV	352°, 27%, 22%
XYZ	2.8603, 2.6009, 2.6375
YIQ	45.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

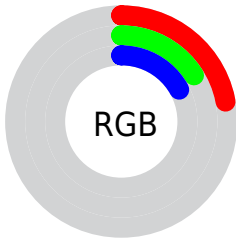
Format	Color
R_{YB}	56, 41, 43
Decimal	3680555
CIE Lab	18.37, 7.38, 1.39
CIE LCh	18, 7.510, 10.654
Yxy	2.6009, 0.3532, 0.3212
Android (android.graphics.Color)	4281870635 (0xFF38292B)
YUV	45.7130, -1.3375, 9.0217
Hunter-Lab	16.1274, 3.4353, 1.5927

Details

The YIQ color **45.7130, 8.2980, 3.8020** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.2870, -8.2980, -3.8020**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **91.3110, 9.4900, 4.2260**, and **0.2990, 0.5960, 0.2120** is the 20% darker color. If you saturate the color by 10%, you get **41.6210, 11.5530, 5.3850**, and if you desaturate by 10%, it is **49.8050, 5.0430, 2.2190**.

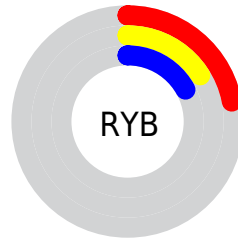
Distribution



Red (22%)

Green (16%)

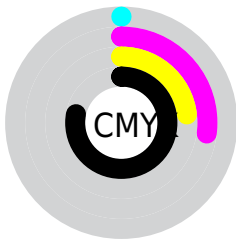
Blue (17%)



Red (22%)

Yellow (16%)

Blue (17%)

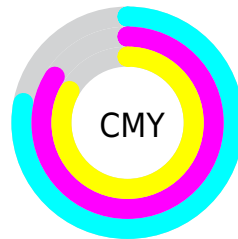


Cyan (0%)

Magenta (27%)

Yellow (23%)

Black (78%)



Cyan (78%)

Magenta (84%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 45.7130, 8.2980, 3.8020 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 45.7130, 8.2980, 3.8020 by changing the saturation by 10% instead.

■ 45.7130, 8.2980,
3.8020

■ 45.7130, 8.2980,
3.8020

■ 255.0000, -0.0000,
-0.0000

■ 25.1150, 7.1060,
3.3780

■ 91.3110, 9.4900,
4.2260

■ 0.2990, 0.5960,
0.2120

■ 116.3110, 9.4900,
4.2260

■ 0.0000, 0.0000,
0.0000


■ 141.9090, 10.6820,
4.6500


■ 167.9090, 10.6820,
4.6500


■ 195.3220, 10.9570,
5.1730


■ 223.2080, 11.2780,

4.8620


 248.9190, 4.7220,
2.5300


 45.7130, 8.2980,
3.8020


 45.7130, 8.2980,
3.8020


 41.6210, 11.5530,
5.3850


 49.8050, 5.0430,
2.2190


 38.1160, 14.5330,
6.4450


 53.3100, 2.0630,
1.1590


 34.0240, 17.7880,
8.0280

 57.4020, -1.1920,
-0.4240

 30.6330, 20.4470,
9.3990

 60.7930, -3.8510,
-1.7950

 26.5410, 23.7020,
10.9820

 64.8850, -7.1060,
-3.3780

■ 22.4490, 26.9570,
12.5650

■ 68.9770, -10.3610,
-4.9610

■ 18.9440, 29.9370,
13.6250

■ 72.4820, -13.3410,
-6.0210

■ 17.6560, 30.8080,
14.3600

■ 76.5740, -16.5960,
-7.6040

■ 80.0790, -19.5760,
-8.6640

Harmonies

Analogous

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



45.5000, 4.5840, 5.0320



45.7130, 8.2980, 3.8020



45.4310, 9.0320, 1.5120

Triad

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



45.7130, 8.2980, 3.8020



43.9520, -0.0450, -4.6930



43.4380, -10.0410, 0.2550

Complementary

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



45.7130, 8.2980, 3.8020



51.2870, -8.2980, -3.8020

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.



42.4870, -11.7370, -2.0490



45.7130, 8.2980, 3.8020



43.3150, -5.5010, -4.9330

Square

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



45.7130, 8.2980, 3.8020



44.3440, 4.7230, -2.9970



42.8030, -9.8110, -3.9150



44.9440, -5.5940, 2.2620

Rectangle

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



45.7130, 8.2980, 3.8020



45.4910, 8.8030, 0.1550



42.8030, -9.8110, -3.9150



43.6120, -10.5910, -0.7910

Sweetspot

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



45.7130, 8.2980, 3.8020



69.9080, 3.2550, 1.5830



46.5970, 2.9330, 7.4210



35.3100, 2.0630, 1.1590



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



45.7130, 8.2980, 3.8020



57.5180, 13.3410, 6.0210



48.4200, 7.5650, 0.5650



26.0110, 1.4670, 0.9470



28.8760, 50.9800, 23.2360



68.7870, 121.2150, 55.4470

Inverse Universe

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



45.7130, 8.2980, 3.8020



57.5180, 13.3410, 6.0210



48.5800, -7.5650, -0.5650



26.0110, 1.4670, 0.9470



28.8760, 50.9800, 23.2360



68.7870, 121.2150, 55.4470

Previews

White Background



This preview shows how the YIQ color 45.7130, 8.2980, 3.8020 looks on a white background.

Color Contrast Check

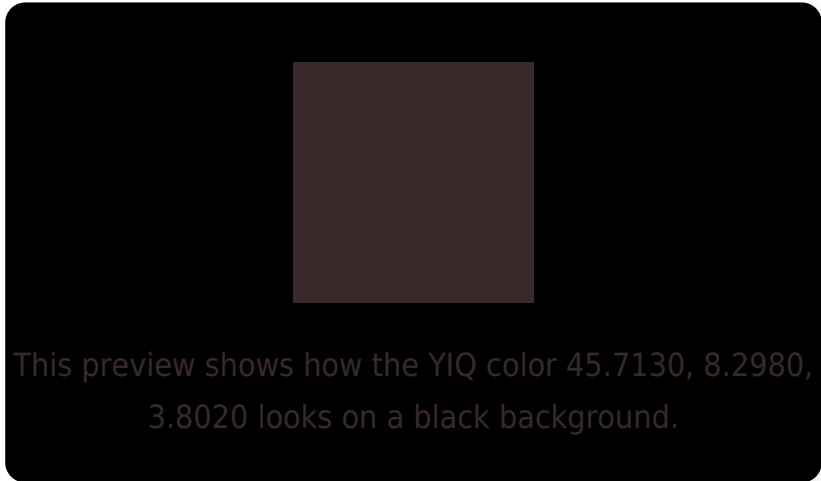
Large Text (above 18pt) WCAG AA ✓ Pass

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

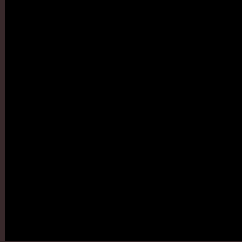
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 45.7130, 8.2980, 3.8020

Background



This preview shows how black text looks on a background with the YIQ color 45.7130, 8.2980, 3.8020.

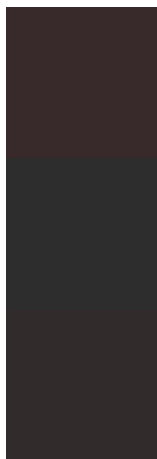


This preview shows how white text looks on a background with the YIQ color 45.7130, 8.2980, 3.8020.

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

45.7130, 8.2980, 3.8020

Protanopia

45.2990, 0.5960, 0.2120

Deuteranopia

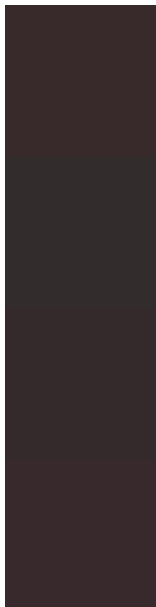
45.0930, 4.1720, 1.4840



Tritanopia

45.8270, 7.9770, 4.1130

Trichromacy



Original Color

45.7130, 8.2980, 3.8020

Protanomaly

45.7940, 3.5760, 1.2720

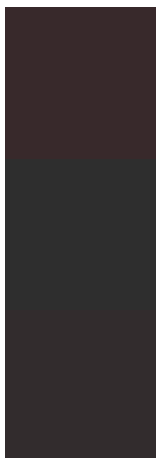
Deuteranomaly

45.1040, 5.6390, 2.4310

Tritanomaly

45.8270, 7.9770, 4.1130

Monochromacy



Original Color

45.7130, 8.2980, 3.8020

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

45.9080, 3.2550, 1.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 45.7130, 8.2980, 3.8020 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(56, 41, 43)` looks like.

```
.text, #text, p{  
    color:rgb(56, 41, 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(56, 41, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 41, 43) }
```

Border

The CSS property to change the border of an element to YIQ 45.7130, 8.2980, 3.8020 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(56, 41, 43) }
```

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

```
.border{ border-color:rgb(56, 41, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 41, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 41, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 41, 43);  
box-shadow:4px 4px 4px 4px rgb(56, 41, 43)  
}
```


Background

The CSS property to change the background color of an element to YIQ 45.7130, 8.2980, 3.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 41, 43) }
```

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

```
.background{ background-color: rgb(56, 41,  
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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