

Converting Colors

YIQ(38.3080, 14.7130, 25.2170)

Have a look what the booklet for
YIQ(38.3080, 14.7130, 25.2170)
contains.

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Color

**YIQ(38.3080, 14.7130,
25.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	441241
RGB	68, 18, 65
RGB Percent	27%, 7%, 25%
CMY	0.7332, 0.9295, 0.7451
CMYK	0.00, 0.74, 0.04, 0.73
HSL	304°, 58%, 17%
HSV	304°, 74%, 27%
XYZ	3.5568, 2.0440, 5.2089
YIQ	38.3080, 14.7130, 25.2170

Conversions

Conversions Part 2

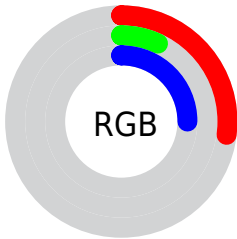
Format	Color
RYB	68, 18, 65
Decimal	4461121
CIELab	15.72, 30.53, -17.92
CIElCh	16, 35.404, 329.590
Yxy	2.0440, 0.3290, 0.1891
Android (android.graphics.Color)	4282651201 (0xFF441241)
YUV	38.3080, 13.1592, 26.0399
Hunter-Lab	14.2967, 19.3888, -11.5943

Details

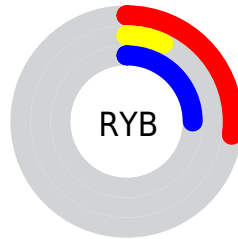
The YIQ color **38.3080, 14.7130, 25.2170** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **47.6920, -14.7130, -25.2170**, and the grayscale version is **38.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **86.3190, 16.1800, 26.1640**, and **7.8900, 3.6660, 10.6580** is the 20% darker color. If you saturate the color by 10%, you get **34.1990, 16.6380, 28.8780**, and if you desaturate by 10%, it is **42.4170, 12.7880, 21.5560**.

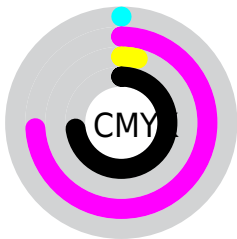
Distribution



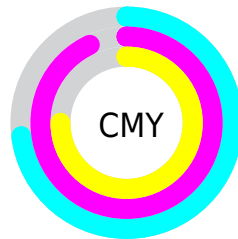
- Red (27%)
- Green (7%)
- Blue (25%)



- Red (27%)
- Yellow (7%)
- Blue (25%)



- Cyan (0%)
- Magenta (74%)
- Yellow (4%)
- Black (73%)



- Cyan (73%)
- Magenta (93%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.3080, 14.7130, 25.2170 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 38.3080, 14.7130, 25.2170 by changing the saturation by 10% instead.

■ 38.3080, 14.7130,
25.2170

■ 38.3080, 14.7130,
25.2170

■ 253.2390, 0.8250,
1.5690

■ 18.3570, 13.0170,
22.9130

■ 86.3190, 16.1800,
26.1640

■ 7.8900, 3.6660,
10.6580

■ 111.7320, 16.4550,
26.6870

■ 0.0000, 0.0000,
0.0000

■ 137.4440, 17.3260,
27.4220

■ 164.1560, 18.1970,
28.1570

■ 191.2810, 19.3430,
29.4150

■ 219.0960, 18.4260,

29.5140

236.2160, 8.8000,
16.7360

38.3080, 14.7130,
25.2170

38.3080, 14.7130,
25.2170

34.1990, 16.6380,
28.8780

42.4170, 12.7880,
21.5560

29.9760, 18.8840,
32.2280

46.6400, 10.5420,
18.2060

27.6280, 19.9840,
34.3200

50.1620, 8.8920,
15.0680

54.3850, 6.6460,
11.7180

58.4940, 4.7210,
8.0570

■ 62.6030, 2.7960,
4.3960

■ 66.8260, 0.5500,
1.0460

■ 70.3480, -1.1000,
-2.0920

■ 74.5710, -3.3460,
-5.4420

Harmonies

Analogous

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



39.2980, -14.8580, 15.9740



38.3080, 14.7130, 25.2170



32.4150, 33.4650, 26.7850

Triad

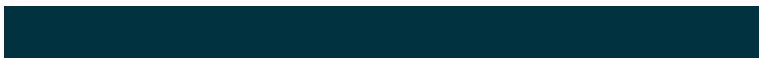
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.3080, 14.7130, 25.2170



37.2560, 19.3500, -9.2740



36.5320, -33.9730, -6.5570

Complementary

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



38.3080, 14.7130, 25.2170



47.6920, -14.7130, -25.2170

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.



33.6820, -25.9480, -14.3320



38.3080, 14.7130, 25.2170



34.1890, 3.1210, -18.0230

Square

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



38.3080, 14.7130, 25.2170



36.4800, 33.6990, 0.5070



29.3160, -16.4100, -21.9940



37.6380, -39.8430, 0.7090

Rectangle

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



38.3080, 14.7130, 25.2170



31.9500, 38.9680, 20.6640



29.3160, -16.4100, -21.9940



35.6200, -31.4050, -9.0450

Sweetspot

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



38.3080, 14.7130, 25.2170



77.7330, 5.5460, 9.6260



24.2980, -14.8580, 15.9740



38.8420, 3.6210, 5.9650



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.



38.3080, 14.7130, 25.2170



42.6440, 23.0550, 39.2390



35.5720, 22.4170, 17.7530



31.2390, 0.8250, 1.5690



39.3770, 28.6010, 48.8650



91.0300, 65.7730, 113.1090

Inverse Universe

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



38.3080, 14.7130, 25.2170



42.6440, 23.0550, 39.2390



50.5420, -22.7380, -17.4420



31.2390, 0.8250, 1.5690



39.3770, 28.6010, 48.8650



91.0300, 65.7730, 113.1090

Previews

White Background



This preview shows how the YIQ color 38.3080, 14.7130, 25.2170 looks on a white background.

Color Contrast Check

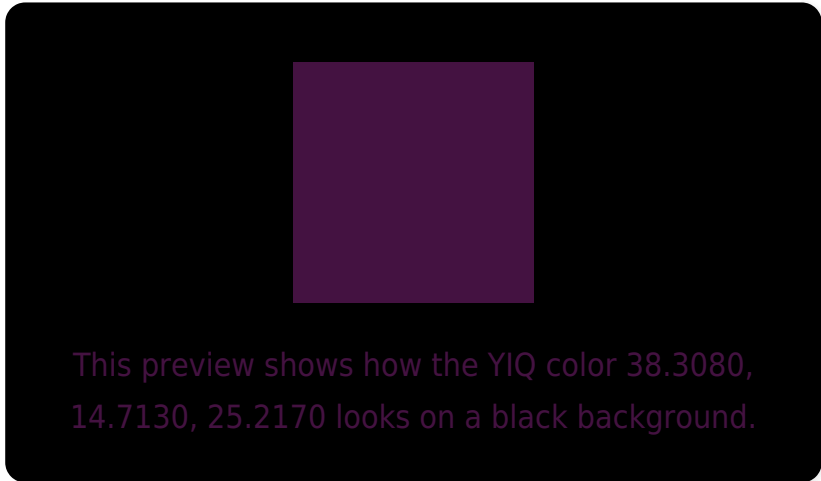
Large Text (above 18pt) WCAG AA ✓ Pass

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

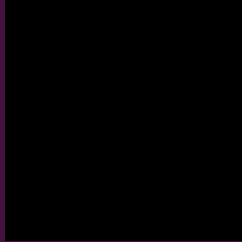
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.3080, 14.7130, 25.2170

Background



This preview shows how black text looks on a background with the YIQ color 38.3080, 14.7130, 25.2170.



This preview shows how white text looks on a background with the YIQ color 38.3080, 14.7130,

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

38.3080, 14.7130, 25.2170

Protanopia

32.4690, -37.6890, 5.7270

Deuteranopia

40.4040, -12.7010, 4.4110



Tritanopia

40.3940, 19.6220, 7.8300

Trichromacy



Original Color

38.3080, 14.7130, 25.2170

Protanomaly

34.4500, -18.3420, 13.0340

Deuteranomaly

39.7090, -3.0740, 11.6620

Tritanomaly

39.7130, 17.4660, 13.8660

Monochromacy



Original Color

38.3080, 14.7130, 25.2170

Achromatopsia

38.0000, -0.0000, -0.0000

Achromatomaly

38.3200, 5.2710, 9.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.3080, 14.7130, 25.2170 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(68, 18, 65)` looks like.

```
.text, #text, p{  
    color:rgb(68, 18, 65)  
}
```

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(68, 18, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 18, 65) }
```

Border

The CSS property to change the border of an element to YIQ 38.3080, 14.7130, 25.2170 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(68, 18, 65) }
```


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

```
.border{ border-color:rgb(68, 18, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 18, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 18, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 18, 65);  
box-shadow:4px 4px 4px 4px rgb(68, 18, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.3080, 14.7130, 25.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 18, 65) }
```

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

```
.background{ background-color: rgb(68, 18,  
65) }
```

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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