

Converting Colors

YIQ(74.3400, 38.0500, 26.2900)

Have a look what the booklet for
YIQ(74.3400, 38.0500, 26.2900)
contains.

YIQ(74.3400, 38.0500, 26.2900)	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(74.3400, 38.0500,
26.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	7F2F4D
RGB	127, 47, 77
RGB Percent	50%, 18%, 30%
CMY	0.5018, 0.8158, 0.6979
CMYK	0.00, 0.63, 0.39, 0.50
HSL	337°, 46%, 34%
HSV	337°, 63%, 50%
XYZ	11.1162, 7.0828, 7.8084
YIQ	74.3400, 38.0500, 26.2900

Conversions

Conversions Part 2

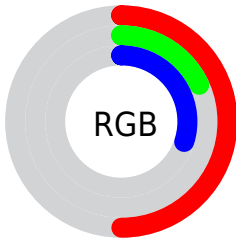
Format	Color
R_{YB}	127, 47, 77
Decimal	8335181
CIE _{Lab}	31.99, 37.64, -0.34
CIE _{LCh}	32, 37.646, 359.477
Yxy	7.0828, 0.4274, 0.2723
Android (android.graphics.Color)	4286525261 (0xFF7F2F4D)
YUV	74.3400, 1.3114, 46.1828
Hunter-Lab	26.6134, 27.9845, 1.2336

Details

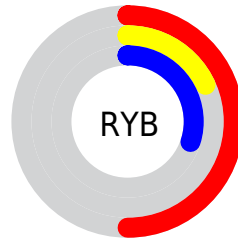
The YIQ color **74.3400, 38.0500, 26.2900** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **99.6600, -38.0500, -26.2900**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0200, 41.9470, 27.2510**, and **25.8880, 33.5110, 25.9510** is the 20% darker color. If you saturate the color by 10%, you get **65.7970, 44.1930, 30.6010**, and if you desaturate by 10%, it is **82.8830, 31.9070, 21.9790**.

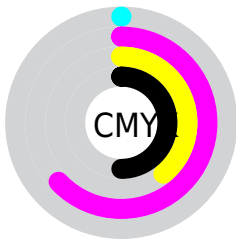
Distribution



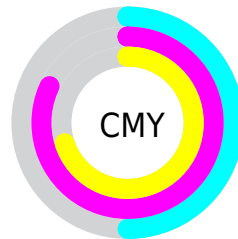
- Red (50%)
- Green (18%)
- Blue (30%)



- Red (50%)
- Yellow (18%)
- Blue (30%)



- Cyan (0%)
- Magenta (63%)
- Yellow (39%)
- Black (50%)





- Cyan (50%)
- Magenta (82%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.3400, 38.0500, 26.2900 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 74.3400, 38.0500, 26.2900 by changing the saturation by 10% instead.


 74.3400, 38.0500,
26.2900


 74.3400, 38.0500,
26.2900


255.0000, -0.0000,
-0.0000


 48.3830, 36.4910,
27.0110


 126.0200, 41.9470,
27.2510


 25.8880, 33.5110,
25.9510

 152.6180, 43.1390,
27.6750


 16.3890, 27.1860,
13.9220

 180.4010, 45.2480,
28.0000

 2.3920, 4.7680,
1.6960

 203.6280, 37.1790,
25.5550

 0.0000, 0.0000,
0.0000

 223.2560, 20.4910,
19.6190

 242.6730, 5.7750,

10.9830

■ 74.3400, 38.0500,
26.2900

■ 74.3400, 38.0500,
26.2900

■ 65.7970, 44.1930,
30.6010

■ 82.8830, 31.9070,
21.9790

■ 57.8410, 50.0610,
34.3890

■ 90.8390, 26.0390,
18.1910

■ 49.2980, 56.2040,
38.7000

■ 99.3820, 19.8960,
13.8800

■ 43.4450, 60.2840,
41.8520

■ 107.9250, 13.7530,
9.5690

■ 115.8810, 7.8850,
5.7810

■ 124.4240, 1.7420,
1.4700

■ 132.9670, -4.4010,
-2.8410

■ 141.5100,
-10.5440, -7.1520

■ 149.3520,
-16.0910, -11.2510

Harmonies

Analogous

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



77.2590, 16.4090, 27.5210



74.3400, 38.0500, 26.2900



73.3820, 46.2590, 15.1790

Triad

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



74.3400, 38.0500, 26.2900



68.5390, 7.7070, -24.0450



64.8460, -64.0960, -5.7920

Complementary

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



74.3400, 38.0500, 26.2900



99.6600, -38.0500, -26.2900

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.



64.0990, -57.8590, -14.2030



74.3400, 38.0500, 26.2900



60.2710, -29.7050, -28.8490

Square

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



74.3400, 38.0500, 26.2900



71.5590, 31.3180, -16.9220



60.6790, -48.2290, -23.5330



61.6490, -64.7390, 0.3570

Rectangle

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



74.3400, 38.0500, 26.2900



73.1610, 45.0230, 4.5350



60.6790, -48.2290, -23.5330



64.7490, -62.4450, -8.1810

Sweetspot

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



74.3400, 38.0500, 26.2900



144.9360, 15.2200, 10.5160



70.7710, 3.5240, 35.2680



71.4790, 9.0770, 6.2050



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



74.3400, 38.0500, 26.2900



83.0320, 60.0090, 41.3290



76.2030, 45.2050, 12.2530



59.4350, 3.2090, 2.4170



43.7440, 60.8800, 42.0640



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.3400, 38.0500, 26.2900



83.0320, 60.0090, 41.3290



97.7970, -45.2050, -12.2530



59.4350, 3.2090, 2.4170



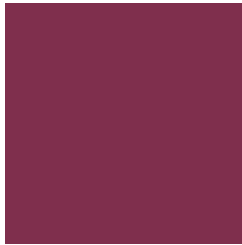
43.7440, 60.8800, 42.0640



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 74.3400, 38.0500, 26.2900 looks on a white background.

Color Contrast Check

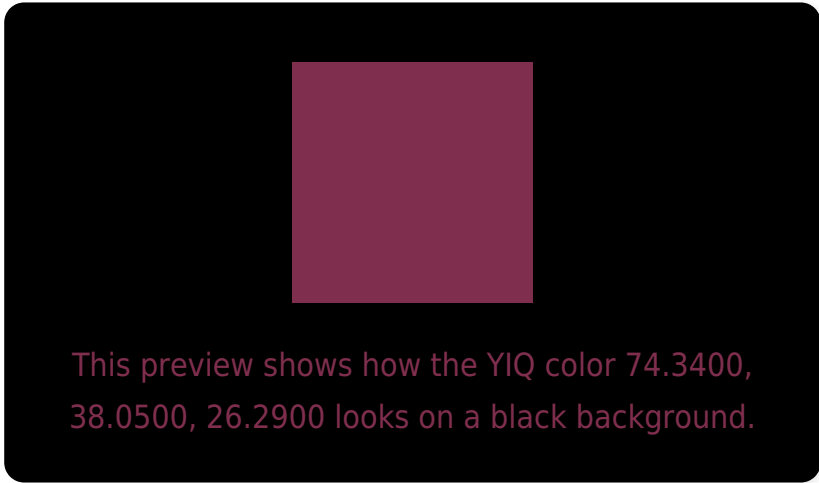
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.3400, 38.0500, 26.2900

Background



This preview shows how black text looks on a background with the YIQ color 74.3400, 38.0500, 26.2900.



This preview shows how white text looks on a background with the YIQ color 74.3400, 38.0500,

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

74.3400, 38.0500, 26.2900

Protanopia

76.3830, -8.2080, 5.5840

Deuteranopia

77.1750, 6.8770, 2.0210



Tritanopia

74.1690, 42.5450, 16.4090

Trichromacy



Original Color

74.3400, 38.0500, 26.2900

Protanomaly

75.6950, 8.7090, 12.8770

Deuteranomaly

75.9040, 18.2460, 10.7420

Tritanomaly

74.2060, 41.1230, 20.1550

Monochromacy



Original Color

74.3400, 38.0500, 26.2900

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.9250, 13.7530, 9.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.3400, 38.0500, 26.2900 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(127, 47, 77)` looks like.

```
.text, #text, p{  
    color:rgb(127, 47, 77)  
}
```

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(127, 47, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 47, 77) }
```

Border

The CSS property to change the border of an element to YIQ 74.3400, 38.0500, 26.2900 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(127, 47, 77) }
```


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

```
.border{ border-color:rgb(127, 47, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 47, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 47, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 47, 77);  
box-shadow:4px 4px 4px 4px rgb(127, 47,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 74.3400, 38.0500, 26.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 47, 77) }
```

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

```
.background{ background-color: rgb(127, 47,  
77) }
```

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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