

Converting Colors

YIQ(71.1020, 53.8200, 37.8520)

Have a look what the booklet for
YIQ(71.1020, 53.8200, 37.8520)
contains.

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Color

**YIQ(71.1020, 53.8200,
37.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	92204C
RGB	146, 32, 76
RGB Percent	57%, 13%, 30%
CMY	0.4272, 0.8747, 0.7018
CMYK	0.00, 0.78, 0.48, 0.43
HSL	337°, 64%, 35%
HSV	337°, 78%, 57%
XYZ	13.6889, 7.6709, 7.6050
YIQ	71.1020, 53.8200, 37.8520

Conversions

Conversions Part 2

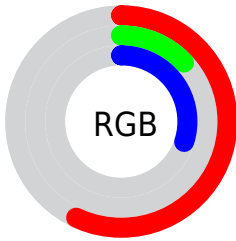
Format	Color
R_{YB}	146, 32, 76
Decimal	9576524
CIE _{Lab}	33.29, 49.64, 2.61
CIE _{LCh}	33, 49.709, 3.014
Yxy	7.6709, 0.4726, 0.2648
Android (android.graphics.Color)	4287766604 (0xFF92204C)
YUV	71.1020, 2.4147, 65.6855
Hunter-Lab	27.6963, 39.7552, 3.1074

Details

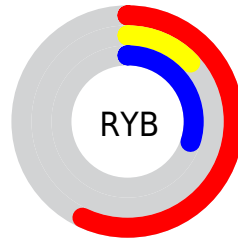
The YIQ color **71.1020, 53.8200, 37.8520** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **106.8980, -53.8200, -37.8520**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.9020, 57.2590, 36.0990**, and **30.5580, 43.3680, 29.0320** is the 20% darker color. If you saturate the color by 10%, you get **61.2710, 60.8340, 42.8980**, and if you desaturate by 10%, it is **80.9330, 46.8060, 32.8060**.

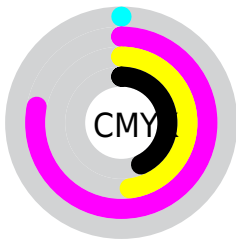
Distribution



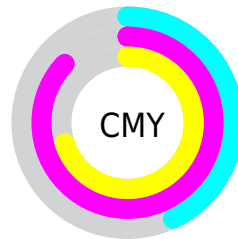
- Red (57%)
- Green (13%)
- Blue (30%)



- Red (57%)
- Yellow (13%)
- Blue (30%)



- Cyan (0%)
- Magenta (78%)
- Yellow (48%)
- Black (43%)





- Cyan (43%)
- Magenta (87%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 71.1020, 53.8200, 37.8520 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 71.1020, 53.8200, 37.8520 by changing the saturation by 10% instead.


 71.1020, 53.8200,
37.8520


 71.1020, 53.8200,
37.8520


255.0000, -0.0000,
-0.0000


 41.4380, 52.9940,
41.8100


 126.9020, 57.2590,
36.0990


 30.5580, 43.3680,
29.0320

 154.5710, 59.6890,
36.1130


 20.0480, 35.5760,
16.0560

 179.7770, 56.1130,
34.8410

 10.2800, 19.9430,
7.5190

 199.4050, 39.4250,
28.9050

 0.0000, 0.0000,
0.0000

 219.0330, 22.7370,
22.9690

 238.5640, 7.7000,

14.6440

■ 71.1020, 53.8200,
37.8520

■ 71.1020, 53.8200,
37.8520

■ 61.2710, 60.8340,
42.8980

■ 80.9330, 46.8060,
32.8060

■ 52.0270, 67.5730,
47.4210

■ 90.1770, 40.0670,
28.2830

■ 50.0380, 69.0400,
48.3680

■ 100.0080, 33.0530,
23.2370

■ 109.2520, 26.3140,
18.7140

■ 119.0830, 19.3000,
13.6680

■ 128.9140, 12.2860,
8.6220

■ 138.1580, 5.5470,
4.0990

■ 147.9890, -1.4670,
-0.9470

■ 157.2330, -8.2060,
-5.4700

Harmonies

Analogous

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



77.7970, 26.9980, 39.3660



71.1020, 53.8200, 37.8520



72.3300, 61.2050, 19.6450

Triad

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



71.1020, 53.8200, 37.8520



66.9050, 6.1960, -35.2120



70.2890, -72.5330, -1.5650

Complementary

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



71.1020, 53.8200, 37.8520



106.8980, -53.8200, -37.8520

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.



69.4450, -64.6450, -12.3650



71.1020, 53.8200, 37.8520



59.1510, -38.4150, -36.1990

Square

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



71.1020, 53.8200, 37.8520



73.2940, 33.3820, -21.2900



65.5860, -52.4010, -25.0170



66.0320, -72.9470, 5.9410

Rectangle

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



71.1020, 53.8200, 37.8520



73.4090, 58.8240, 2.2160



65.5860, -52.4010, -25.0170



70.6650, -70.8360, -4.7880

Sweetspot

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



71.1020, 53.8200, 37.8520



160.0940, 20.7670, 14.6150



65.3280, 3.9340, 49.8700



76.9140, 12.2860, 8.6220



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



71.1020, 53.8200, 37.8520



72.0880, 83.9390, 59.1950



72.5430, 64.9190, 18.4150



69.3210, 3.5300, 2.1060



47.3040, 65.2350, 45.7390



3.4460, 4.6760, 3.3640

Inverse Universe

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



71.1020, 53.8200, 37.8520



72.0880, 83.9390, 59.1950



105.4570, -64.9190, -18.4150



69.3210, 3.5300, 2.1060



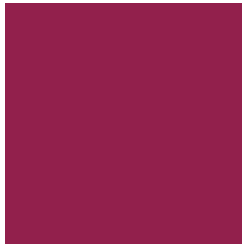
47.3040, 65.2350, 45.7390



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 71.1020, 53.8200, 37.8520 looks on a white background.

Color Contrast Check

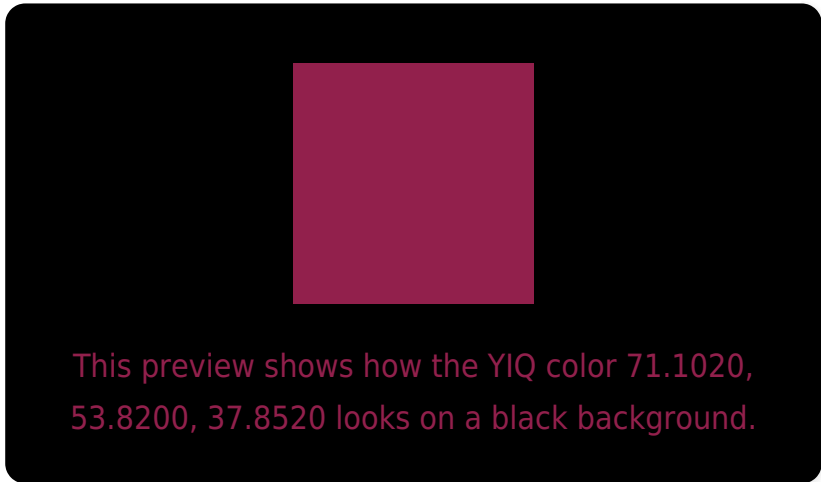
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.1020, 53.8200, 37.8520

Background



This preview shows how black text looks on a background with the YIQ color 71.1020, 53.8200, 37.8520.



This preview shows how white text looks on a background with the YIQ color 71.1020, 53.8200,

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

71.1020, 53.8200, 37.8520

Protanopia

80.2410, -10.6840, 6.4040

Deuteranopia

80.5020, 10.2700, 1.1020



Tritanopia

72.0250, 60.7460, 22.4580

Trichromacy



Original Color

71.1020, 53.8200, 37.8520

Protanomaly

76.8960, 12.6970, 17.6970

Deuteranomaly

77.3180, 25.9480, 14.3320

Tritanomaly

71.9310, 58.3150, 27.9710

Monochromacy



Original Color

71.1020, 53.8200, 37.8520

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.0830, 19.3000, 13.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.1020, 53.8200, 37.8520 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(146, 32, 76)` looks like.

```
.text, #text, p{  
    color:rgb(146, 32, 76)  
}
```

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(146, 32, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 32, 76) }
```

Border

The CSS property to change the border of an element to YIQ 71.1020, 53.8200, 37.8520 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(146, 32, 76) }
```


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

```
.border{ border-color:rgb(146, 32, 76) }
```

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

Here you see how a box with a 4 pixel rgb(146, 32, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 32, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 32, 76);  
box-shadow:4px 4px 4px 4px rgb(146, 32,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 71.1020, 53.8200, 37.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 32, 76) }
```

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

```
.background{ background-color: rgb(146, 32,  
76) }
```

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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