

Converting Colors

YIQ(52.7420, 81.5570, 47.2930)

Have a look what the booklet for
YIQ(52.7420, 81.5570, 47.2930)
contains.

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Color

**YIQ(52.7420, 81.5570,
47.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	A0002B
RGB	160, 0, 43
RGB Percent	63%, 0%, 17%
CMY	0.3721, 0.9999, 0.8311
CMYK	0.00, 1.00, 0.73, 0.37
HSL	344°, 100%, 31%
HSV	344°, 100%, 63%
XYZ	14.9554, 7.6593, 2.9828
YIQ	52.7420, 81.5570, 47.2930

Conversions

Conversions Part 2

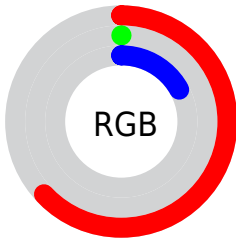
Format	Color
RYB	160, 0, 43
Decimal	10485803
CIELab	33.26, 57.59, 24.65
CIELCh	33, 62.645, 23.167
Yxy	7.6593, 0.5843, 0.2992
Android (android.graphics.Color)	4288675883 (0xFFA0002B)
YUV	52.7420, -4.8028, 94.0653
Hunter-Lab	27.6754, 48.0271, 12.9826

Details

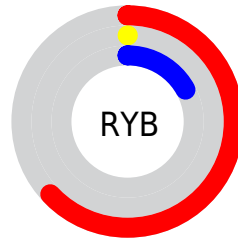
The YIQ color **52.7420, 81.5570, 47.2930** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **107.2580, -81.5570, -47.2930**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.4350, 83.4390, 35.2070**, and **29.9000, 59.6000, 21.2000** is the 20% darker color. If you saturate the color by 10%, you get **52.7420, 81.5570, 47.2930**, and if you desaturate by 10%, it is **63.5020, 73.3050, 42.6570**.

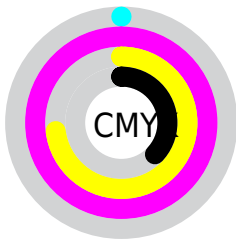
Distribution



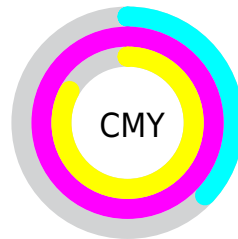
- Red (63%)
- Green (0%)
- Blue (17%)



- Red (63%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (37%)





- Cyan (37%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 52.7420, 81.5570, 47.2930 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 52.7420, 81.5570, 47.2930 by changing the saturation by 10% instead.


 52.7420, 81.5570,
47.2930


 52.7420, 81.5570,
47.2930


255.0000, -0.0000,
-0.0000


 41.4920, 70.0970,
34.7130


 121.0220, 83.1640,
34.6840


 29.9000, 59.6000,
21.2000


 149.5770, 85.9150,
34.3870


 21.3430, 41.9950,
15.3630

 169.4610, 71.3820,
27.9420

 12.3730, 24.1150,
9.0030

 188.8610, 55.3360,
21.3840

 0.0000, 0.0000,
0.0000

 208.3750, 38.9690,
15.1370

 228.5900, 22.0060,

8.6780

■ 249.5060, 4.4470,
2.0070

■ 52.7420, 81.5570,
47.2930

■ 63.5020, 73.3050,
42.6570

■ 74.1480, 65.3740,
37.7100

■ 84.9080, 57.1220,
33.0740

■ 95.6680, 48.8700,
28.4380

■ 106.4280, 40.6180,
23.8020

■ 117.0740, 32.6870,
18.8550

■ 127.8340, 24.4350,
14.2190

■ 138.5940, 16.1830,
9.5830

■ 149.2400, 8.2520,
4.6360

Harmonies

Analogous

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



57.4310, 64.0400, 61.8960



52.7420, 81.5570, 47.2930



69.4490, 70.5150, 5.0990

Triad

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



52.7420, 81.5570, 47.2930



55.7480, -27.4550, -47.6070



71.9480, -81.3380, 9.3340

Complementary

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



52.7420, 81.5570, 47.2930



107.2580, -81.5570, -47.2930

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.



74.9510, -77.3930, -1.5930



52.7420, 81.5570, 47.2930



64.9360, -47.8150, -31.0390

Square

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



52.7420, 81.5570, 47.2930



69.0090, 11.8350, -32.7810



71.3370, -64.4610, -15.7010



69.8530, -55.6650, 23.1430

Rectangle

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



52.7420, 81.5570, 47.2930



73.7360, 53.0490, -8.7670



71.3370, -64.4610, -15.7010



73.8400, -81.1540, 5.9980

Sweetspot

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



52.7420, 81.5570, 47.2930



166.7750, 32.0910, 18.6430



52.6250, 17.1800, 74.1400



79.5020, 19.4380, 11.1660



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



52.7420, 81.5570, 47.2930



68.8750, 106.5880, 61.7240



68.3850, 85.7350, 15.6150



73.6200, 4.1260, 2.3180



47.0890, 73.0300, 42.1340



4.9410, 7.6560, 4.4240

Inverse Universe

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



52.7420, 81.5570, 47.2930



68.8750, 106.5880, 61.7240



91.6150, -85.7350, -15.6150



73.6200, 4.1260, 2.3180



47.0890, 73.0300, 42.1340



4.9410, 7.6560, 4.4240

Previews

White Background



This preview shows how the YIQ color 52.7420, 81.5570, 47.2930 looks on a white background.

Color Contrast Check

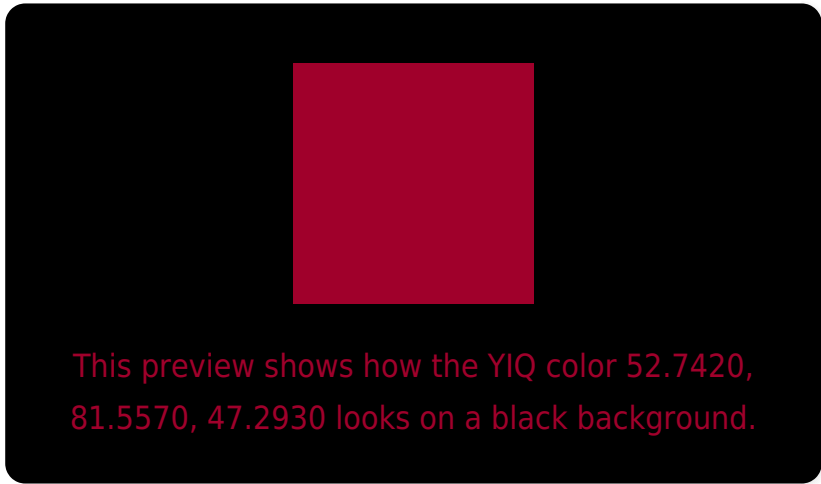
Large Text (above 18pt) WCAG AA ✓ Pass

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

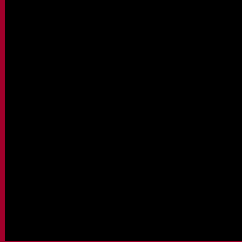
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.7420, 81.5570, 47.2930

Background



This preview shows how black text looks on a background with the YIQ color 52.7420, 81.5570, 47.2930.



This preview shows how white text looks on a background with the YIQ color 52.7420, 81.5570,

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

52.7420, 81.5570, 47.2930

Protanopia

80.8560, 9.0330, -4.0150

Deuteranopia

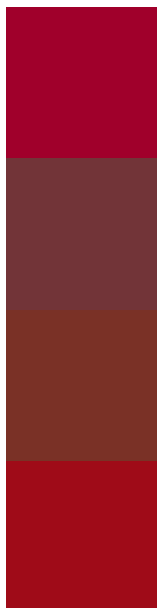
79.3880, 27.7860, -7.9740



Tritanopia

59.5890, 85.6410, 28.3370

Trichromacy



Original Color

52.7420, 81.5570, 47.2930

Protanomaly

70.9940, 35.6680, 14.3880

Deuteranomaly

69.5730, 47.0390, 12.0550

Tritanomaly

56.7340, 84.0350, 35.4190

Monochromacy



Original Color

52.7420, 81.5570, 47.2930

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.0520, 29.7530, 16.9610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.7420, 81.5570, 47.2930 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(160, 0, 43)` looks like.

```
.text, #text, p{  
    color:rgb(160, 0, 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(160, 0, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 0, 43) }
```

Border

The CSS property to change the border of an element to YIQ 52.7420, 81.5570, 47.2930 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(160, 0, 43) }
```


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

```
.border{ border-color:rgb(160, 0, 43) }
```

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

Here you see how a box with a 4 pixel rgb(160, 0, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 0, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 0, 43);  
box-shadow:4px 4px 4px 4px rgb(160, 0, 43)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.7420, 81.5570, 47.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 0, 43) }
```

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

```
.background{ background-color: rgb(160, 0,  
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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