

Converting Colors

YIQ(55.9290, 70.9650, 52.0290)

Have a look what the booklet for
YIQ(55.9290, 70.9650, 52.0290)
contains.

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Color

**YIQ(55.9290, 70.9650,
52.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	9C0342
RGB	156, 3, 66
RGB Percent	61%, 1%, 26%
CMY	0.3878, 0.9884, 0.7409
CMYK	0.00, 0.98, 0.58, 0.39
HSL	335°, 96%, 31%
HSV	335°, 98%, 61%
XYZ	14.7472, 7.5360, 5.8408
YIQ	55.9290, 70.9650, 52.0290

Conversions

Conversions Part 2

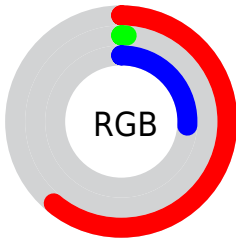
Format	Color
RYB	156, 3, 66
Decimal	10224450
CIELab	33.00, 57.48, 9.05
CIElCh	33, 58.188, 8.947
Yxy	7.5360, 0.5244, 0.2680
Android (android.graphics.Color)	4288414530 (0xFF9C0342)
YUV	55.9290, 4.9650, 87.7623
Hunter-Lab	27.4517, 47.8506, 6.6014

Details

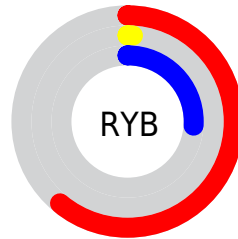
The YIQ color **55.9290, 70.9650, 52.0290** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **103.0710, -70.9650, -52.0290**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.1920, 71.2420, 41.4980**, and **31.7390, 50.1080, 28.0280** is the 20% darker color. If you saturate the color by 10%, you get **53.9400, 72.4320, 52.9760**, and if you desaturate by 10%, it is **66.3470, 63.6760, 46.4600**.

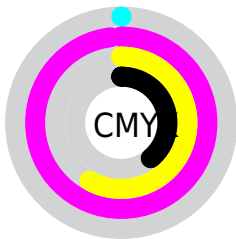
Distribution



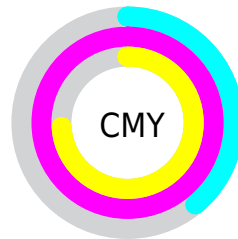
- Red (61%)
- Green (1%)
- Blue (26%)



- Red (61%)
- Yellow (1%)
- Blue (26%)



- Cyan (0%)
- Magenta (98%)
- Yellow (58%)
- Black (39%)



- Cyan (39%)
- Magenta (99%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.9290, 70.9650, 52.0290 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 55.9290, 70.9650, 52.0290 by changing the saturation by 10% instead.

■ 55.9290, 70.9650,
52.0290

■ 55.9290, 70.9650,
52.0290

■ 255.0000, -0.0000,
-0.0000

■ 42.9890, 61.5680,
40.6080

■ 122.1920, 71.2420,
41.4980

■ 32.0380, 50.7040,
28.2400

■ 150.7470, 73.9930,
41.2010

■ 21.1580, 41.0780,
15.4620

■ 172.5390, 62.7150,
36.3390

■ 12.0740, 23.5190,
8.7910

■ 192.0530, 46.3480,
30.0920


■ 0.0000, 0.0000,
0.0000


■ 212.2680, 29.3850,
23.6330


■ 232.5970, 12.1010,


17.4850


 250.3040, 2.2000,
4.1840


 55.9290, 70.9650,
52.0290


 55.9290, 70.9650,
52.0290


 53.9400, 72.4320,
52.9760

 66.3470, 63.6760,
46.4600

 76.1780, 56.6620,
41.4140

 86.7100, 49.0520,
36.1560

 96.5410, 42.0380,
31.1100

 106.9590, 34.7490,
25.5410

■ 117.3770, 27.4600,
19.9720

■ 127.2080, 20.4460,
14.9260

■ 137.6260, 13.1570,
9.3570

■ 147.5710, 5.8220,
4.6220

Harmonies

Analogous

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



70.1890, 40.9340, 51.1260



55.9290, 70.9650, 52.0290



67.4790, 70.9710, 18.8670

Triad

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



55.9290, 70.9650, 52.0290



61.2020, -8.0620, -41.1340



72.1130, -77.6690, 3.4110

Complementary

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



55.9290, 70.9650, 52.0290



103.0710, -70.9650, -52.0290

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.



71.7420, -69.7350, -8.2230



55.9290, 70.9650, 52.0290



60.5530, -39.6070, -36.6230

Square

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



55.9290, 70.9650, 52.0290



72.0760, 28.0640, -24.0320



67.3130, -55.8860, -22.4300



65.7530, -76.2950, 11.5530

Rectangle

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



55.9290, 70.9650, 52.0290



71.4540, 62.9510, -0.9930



67.3130, -55.8860, -22.4300



73.0760, -76.2470, -0.3350

Sweetspot

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



55.9290, 70.9650, 52.0290



165.3770, 27.4600, 19.9720



47.0530, 3.9310, 66.4510



78.4740, 16.6410, 12.2970



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



55.9290, 70.9650, 52.0290



70.5720, 94.6200, 69.3720



56.3780, 87.6130, 25.6370



73.7340, 3.8050, 2.6290



49.4830, 66.2890, 48.6650



5.1690, 7.0140, 5.0460

Inverse Universe

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



55.9290, 70.9650, 52.0290



70.5720, 94.6200, 69.3720



102.6220, -87.6130, -25.6370



73.7340, 3.8050, 2.6290



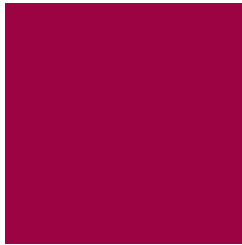
49.4830, 66.2890, 48.6650



5.1690, 7.0140, 5.0460

Previews

White Background



This preview shows how the YIQ color 55.9290, 70.9650, 52.0290 looks on a white background.

Color Contrast Check

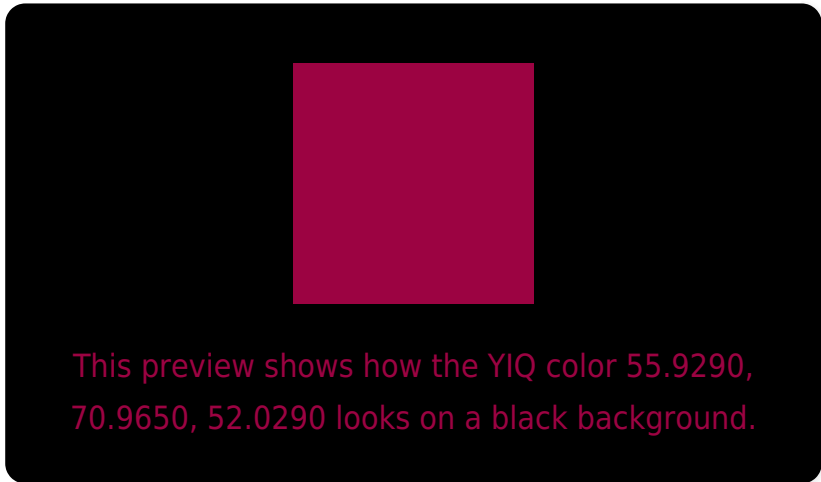
Large Text (above 18pt) WCAG AA ✓ Pass

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

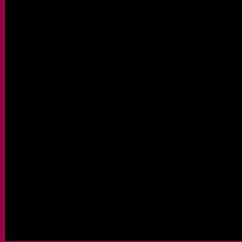
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.9290, 70.9650, 52.0290

Background



This preview shows how black text looks on a background with the YIQ color 55.9290, 70.9650, 52.0290.



This preview shows how white text looks on a background with the YIQ color 55.9290, 70.9650,

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

55.9290, 70.9650, 52.0290

Protanopia

80.9270, -6.9240, 4.3400

Deuteranopia

80.4440, 16.1850, -1.4710



Tritanopia

64.4570, 77.2050, 27.0370

Trichromacy



Original Color

55.9290, 70.9650, 52.0290

Protanomaly

71.9080, 21.5910, 21.7110

Deuteranomaly

71.4010, 36.0800, 17.9360

Tritanomaly

61.4710, 74.5900, 35.8860

Monochromacy



Original Color

55.9290, 70.9650, 52.0290

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.0670, 25.3970, 18.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.9290, 70.9650, 52.0290 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(156, 3, 66)` looks like.

```
.text, #text, p{  
    color:rgb(156, 3, 66)  
}
```

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(156, 3, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 3, 66) }
```

Border

The CSS property to change the border of an element to YIQ 55.9290, 70.9650, 52.0290 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(156, 3, 66) }
```


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

```
.border{ border-color:rgb(156, 3, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 3, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 3, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 3, 66);  
box-shadow:4px 4px 4px 4px rgb(156, 3, 66)  
}
```

Background

The CSS property to change the background color of an element to YIQ 55.9290, 70.9650, 52.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 3, 66) }
```

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

```
.background{ background-color: rgb(156, 3,  
66) }
```

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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