

Converting Colors

YIQ(65.9990, 55.6080, 38.4880)

Have a look what the booklet for
YIQ(65.9990, 55.6080, 38.4880)
contains.

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Color

**YIQ(65.9990, 55.6080,
38.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	8F1A46
RGB	143, 26, 70
RGB Percent	56%, 10%, 27%
CMY	0.4389, 0.8982, 0.7253
CMYK	0.00, 0.82, 0.51, 0.44
HSL	337°, 69%, 33%
HSV	337°, 82%, 56%
XYZ	12.8165, 7.0260, 6.4829
YIQ	65.9990, 55.6080, 38.4880

Conversions

Conversions Part 2

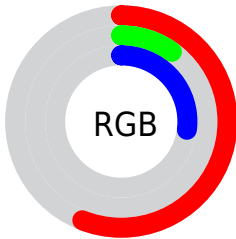
Format	Color
R_{YB}	143, 26, 70
Decimal	9378374
CIE Lab	31.87, 50.08, 4.43
CIE LCh	32, 50.274, 5.056
Yxy	7.0260, 0.4868, 0.2669
Android (android.graphics.Color)	4287568454 (0xFF8F1A46)
YUV	65.9990, 1.9725, 67.5299
Hunter-Lab	26.5066, 39.9218, 4.0537

Details

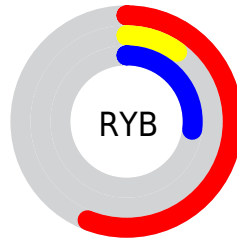
The YIQ color **65.9990, 55.6080, 38.4880** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **103.0010, -55.6080, -38.4880**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.2720, 59.0930, 35.9010**, and **29.0910, 43.1850, 26.8410** is the 20% darker color. If you saturate the color by 10%, you get **56.7550, 62.3470, 43.0110**, and if you desaturate by 10%, it is **75.2430, 48.8690, 33.9650**.

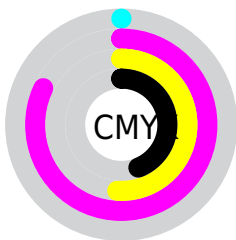
Distribution



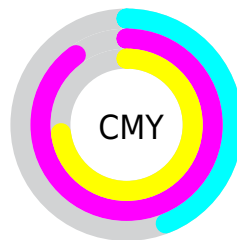
- Red (56%)
- Green (10%)
- Blue (27%)



- Red (56%)
- Yellow (10%)
- Blue (27%)



- Cyan (0%)
- Magenta (82%)
- Yellow (51%)
- Black (44%)



- Cyan (44%)
- Magenta (90%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.9990, 55.6080, 38.4880 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 65.9990, 55.6080, 38.4880 by changing the saturation by 10% instead.

65.9990, 55.6080,
38.4880

65.9990, 55.6080,
38.4880

255.0000, -0.0000,
-0.0000

39.8570, 53.1320,
39.3080

122.2720, 59.0930,
35.9010

29.0910, 43.1850,
26.8410

150.0550, 61.2020,
36.2260

18.3530, 36.0350,
13.2430

176.6310, 59.4600,
34.7560

8.4860, 16.3670,
6.2470

195.5580, 43.3680,
29.0320

0.0000, 0.0000,
0.0000

215.1860, 26.6800,
23.0960

235.5150, 9.3960,

16.9480

252.6520, 1.1000,
2.0920

65.9990, 55.6080,
38.4880

65.9990, 55.6080,
38.4880

56.7550, 62.3470,
43.0110

75.2430, 48.8690,
33.9650

48.9130, 67.8940,
47.1100

85.0740, 41.8550,
28.9190

94.3180, 35.1160,
24.3960

103.5620, 28.3770,
19.8730

112.8060, 21.6380,
15.3500

■ 122.6370, 14.6240,
10.3040

■ 131.8810, 7.8850,
5.7810

■ 141.0110, 1.4670,
0.9470

■ 150.8420, -5.5470,
-4.0990

Harmonies

Analogous

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



72.9930, 29.3820, 40.2140



65.9990, 55.6080, 38.4880



68.3900, 60.9760, 18.2880

Triad

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



65.9990, 55.6080, 38.4880



63.0510, 2.8490, -35.1270



68.4140, -71.3870, -0.3070

Complementary

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



65.9990, 55.6080, 38.4880



103.0010, -55.6080, -38.4880

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.



67.6840, -63.8200, -10.7960



65.9990, 55.6080, 38.4880



57.2760, -37.2690, -34.9410

Square

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



65.9990, 55.6080, 38.4880



69.7390, 30.6310, -20.9930



63.2380, -51.3010, -22.9250



63.3420, -70.8840, 7.1000

Rectangle

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



65.9990, 55.6080, 38.4880



69.8280, 58.9620, -0.2860



63.2380, -51.3010, -22.9250



68.7900, -69.6900, -3.5300

Sweetspot

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



65.9990, 55.6080, 38.4880



155.6920, 21.9590, 15.0390



60.8660, 5.3550, 51.6510



75.6260, 13.1570, 9.3570



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.



65.9990, 55.6080, 38.4880



66.1700, 86.6440, 59.7320



69.2010, 65.8820, 17.4820



66.4350, 3.2090, 2.4170



46.1790, 64.0890, 44.4810



2.7340, 3.8050, 2.6290

Inverse Universe

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



65.9990, 55.6080, 38.4880



66.1700, 86.6440, 59.7320



99.7990, -65.8820, -17.4820



66.4350, 3.2090, 2.4170



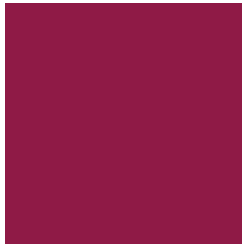
46.1790, 64.0890, 44.4810



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 65.9990, 55.6080, 38.4880 looks on a white background.

Color Contrast Check

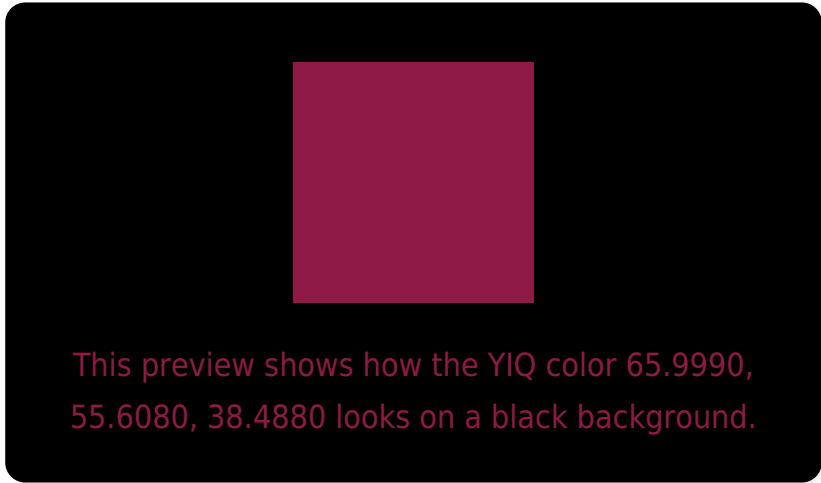
Large Text (above 18pt) WCAG AA ✓ Pass

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

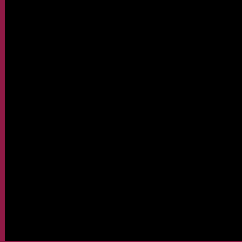
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.9990, 55.6080, 38.4880

Background



This preview shows how black text looks on a background with the YIQ color 65.9990, 55.6080, 38.4880.



This preview shows how white text looks on a background with the YIQ color 65.9990, 55.6080,

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

65.9990, 55.6080, 38.4880

Protanopia

77.1980, -9.1250, 5.6830

Deuteranopia

77.0460, 11.5540, -0.1420



Tritanopia

67.5090, 62.2590, 22.5710

Trichromacy



Original Color

65.9990, 55.6080, 38.4880

Protanomaly

73.2660, 14.5310, 17.4990

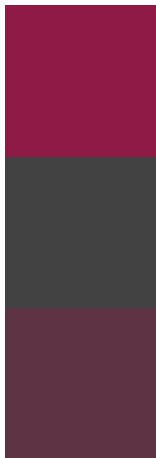
Deuteranomaly

73.2750, 27.5070, 13.6110

Tritanomaly

66.8280, 60.1030, 28.6070

Monochromacy



Original Color

65.9990, 55.6080, 38.4880

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

65.6810, 20.4920, 14.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.9990, 55.6080, 38.4880 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(143, 26, 70)` looks like.

```
.text, #text, p{  
    color:rgb(143, 26, 70)  
}
```

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(143, 26, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 26, 70) }
```

Border

The CSS property to change the border of an element to YIQ 65.9990, 55.6080, 38.4880 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(143, 26, 70) }
```


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

```
.border{ border-color:rgb(143, 26, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 26, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 26, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 26, 70);  
box-shadow:4px 4px 4px 4px rgb(143, 26,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 65.9990, 55.6080, 38.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 26, 70) }
```

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

```
.background{ background-color: rgb(143, 26,  
70) }
```

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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