

Converting Colors

YIQ(63.3540, 53.7710, 55.2670)

Have a look what the booklet for
YIQ(63.3540, 53.7710, 55.2670)
contains.

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Color

**YIQ(63.3540, 53.7710,
55.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	950D62
RGB	149, 13, 98
RGB Percent	58%, 5%, 38%
CMY	0.4153, 0.9492, 0.6155
CMYK	0.00, 0.91, 0.34, 0.42
HSL	323°, 84%, 32%
HSV	323°, 91%, 58%
XYZ	14.7615, 7.5675, 12.2473
YIQ	63.3540, 53.7710, 55.2670

Conversions

Conversions Part 2

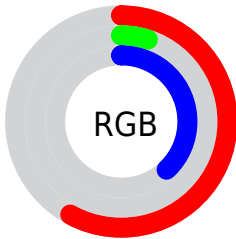
Format	Color
R_{YB}	149, 13, 98
Decimal	9768290
CIE _{Lab}	33.07, 57.27, -11.95
CIE _{LCh}	33, 58.506, 348.216
Yxy	7.5675, 0.4269, 0.2189
Android (android.graphics.Color)	4287958370 (0xFF950D62)
YUV	63.3540, 17.0805, 75.1115
Hunter-Lab	27.5092, 47.6428, -7.1399

Details

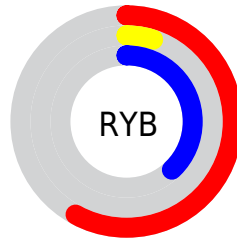
The YIQ color **63.3540, 53.7710, 55.2670** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **98.6460, -53.7710, -55.2670**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2520, 53.8180, 48.9060**, and **33.6210, 39.0570, 35.5770** is the 20% darker color. If you saturate the color by 10%, you get **55.1530, 58.9510, 60.5110**, and if you desaturate by 10%, it is **72.8430, 47.7200, 49.2880**.

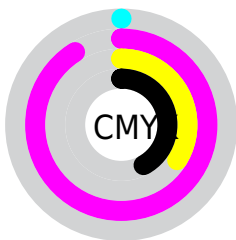
Distribution



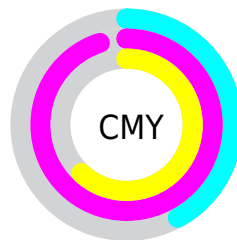
- Red (58%)
- Green (5%)
- Blue (38%)



- Red (58%)
- Yellow (5%)
- Blue (38%)



- Cyan (0%)
- Magenta (91%)
- Yellow (34%)
- Black (42%)





- Cyan (42%)
- Magenta (95%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 63.3540, 53.7710, 55.2670 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 63.3540, 53.7710, 55.2670 by changing the saturation by 10% instead.


 63.3540, 53.7710,
55.2670


 63.3540, 53.7710,
55.2670


255.0000, -0.0000,
-0.0000


 44.6150, 48.3620,
48.6660


 125.2520, 53.8180,
48.9060


 33.7350, 38.7360,
35.8880

 153.6220, 55.6520,
48.7080


 23.5670, 29.9810,
23.8450

 178.6320, 49.6920,
46.5880

 12.0740, 23.5190,
8.7910

 198.2600, 33.0040,
40.6520

 0.0000, 0.0000,
0.0000

 217.4320, 17.6000,
33.4720

 234.4550, 9.6250,

18.3050

252.0650, 1.3750,
2.6150

63.3540, 53.7710,
55.2670

63.3540, 53.7710,
55.2670

55.1530, 58.9510,
60.5110

72.8430, 47.7200,
49.2880

82.2180, 41.9900,
42.9980

91.7070, 35.9390,
37.0190

101.0820, 30.2090,
30.7290

110.5710, 24.1580,
24.7500

■ 119.4730, 18.3820,
19.2940

■ 128.8480, 12.6520,
13.0040

■ 138.3370, 6.6010,
7.0250

■ 147.7120, 0.8710,
0.7350

Harmonies

Analogous

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



78.5100, 8.9330, 41.8690



63.3540, 53.7710, 55.2670



59.0290, 73.2590, 43.4910

Triad

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



63.3540, 53.7710, 55.2670



70.2380, 18.6200, -29.0920



73.1100, -73.5870, -4.4910

Complementary

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



63.3540, 53.7710, 55.2670



98.6460, -53.7710, -55.2670

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.



69.0230, -60.7010, -17.7650



63.3540, 53.7710, 55.2670



54.1180, -25.6210, -47.8050

Square

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



63.3540, 53.7710, 55.2670



73.6920, 47.1810, -12.5550



62.8500, -44.6970, -32.4810



71.5090, -78.7240, 6.0120

Rectangle

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



63.3540, 53.7710, 55.2670



67.3050, 71.5210, 19.9130



62.8500, -44.6970, -32.4810



72.2150, -69.6890, -9.0570

Sweetspot

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



63.3540, 53.7710, 55.2670



160.6090, 20.9950, 21.4990



43.4540, -13.8560, 52.8960



77.4350, 12.3770, 12.4810



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



63.3540, 53.7710, 55.2670



71.8000, 76.7830, 78.7590



55.7160, 75.2780, 34.4300



69.5490, 2.8880, 2.7280



51.0660, 54.6420, 56.0020



3.6740, 4.0340, 3.9860

Inverse Universe

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



63.3540, 53.7710, 55.2670



71.8000, 76.7830, 78.7590



106.2840, -75.2780, -34.4300



69.5490, 2.8880, 2.7280



51.0660, 54.6420, 56.0020



3.6740, 4.0340, 3.9860

Previews

White Background



This preview shows how the YIQ color 63.3540, 53.7710, 55.2670 looks on a white background.

Color Contrast Check

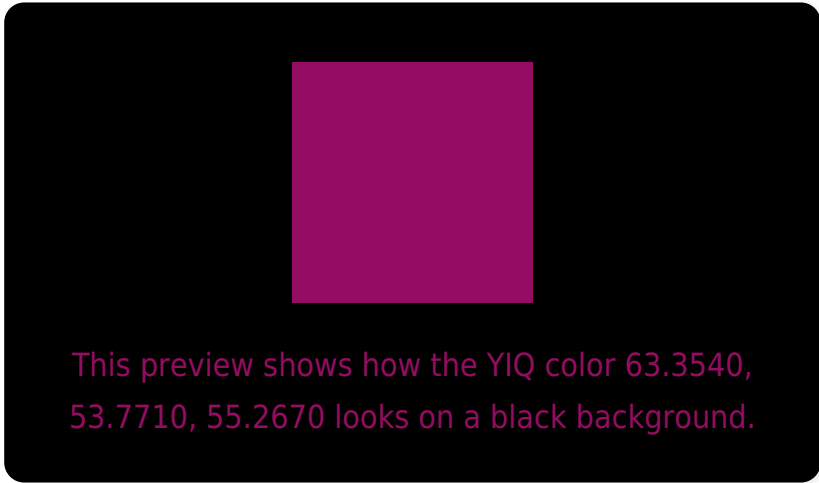
Large Text (above 18pt) WCAG AA ✓ Pass

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

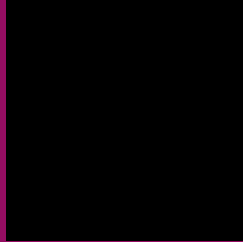
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.3540, 53.7710, 55.2670

Background



This preview shows how black text looks on a background with the YIQ color 63.3540, 53.7710, 55.2670.



This preview shows how white text looks on a background with the YIQ color 63.3540, 53.7710,

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

63.3540, 53.7710, 55.2670

Protanopia

77.4790, -34.4810, 13.6710

Deuteranopia

80.6780, -1.7890, 4.8910



Tritanopia

71.6230, 61.9380, 22.8820

Trichromacy



Original Color

63.3540, 53.7710, 55.2670

Protanomaly

72.1460, -2.2060, 28.9780

Deuteranomaly

74.1080, 18.1520, 23.4640

Tritanomaly

68.3320, 58.8640, 34.5440

Monochromacy



Original Color

63.3540, 53.7710, 55.2670

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1850, 19.2530, 20.0290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.3540, 53.7710, 55.2670 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(149, 13, 98)` looks like.

```
.text, #text, p{  
    color:rgb(149, 13, 98)  
}
```

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(149, 13, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 13, 98) }
```

Border

The CSS property to change the border of an element to YIQ 63.3540, 53.7710, 55.2670 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(149, 13, 98) }
```


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

```
.border{ border-color:rgb(149, 13, 98) }
```

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

Here you see how a box with a 4 pixel rgb(149, 13, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 13, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 13, 98);  
box-shadow:4px 4px 4px 4px rgb(149, 13,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 63.3540, 53.7710, 55.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 13, 98) }
```

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

```
.background{ background-color: rgb(149, 13,  
98) }
```

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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