

Converting Colors

YIQ(58.4070, 55.4200, 63.9320)

Have a look what the booklet for
YIQ(58.4070, 55.4200, 63.9320)
contains.

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Color

**YIQ(58.4070, 55.4200,
63.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	97026A
RGB	151, 2, 106
RGB Percent	59%, 1%, 42%
CMY	0.4074, 0.9923, 0.5842
CMYK	0.00, 0.99, 0.30, 0.41
HSL	318°, 97%, 30%
HSV	318°, 99%, 59%
XYZ	15.4068, 7.6730, 14.3144
YIQ	58.4070, 55.4200, 63.9320

Conversions

Conversions Part 2

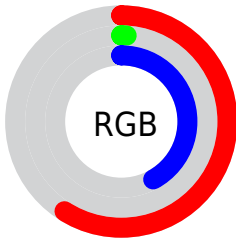
Format	Color
R_{YB}	151, 2, 106
Decimal	9896554
CIE _{Lab}	33.29, 60.16, -16.71
CIE _{LCh}	33, 62.433, 344.477
Yxy	7.6730, 0.4120, 0.2052
Android (android.graphics.Color)	4288086634 (0xFF97026A)
YUV	58.4070, 23.4633, 81.2041
Hunter-Lab	27.7001, 50.8063, -11.2488

Details

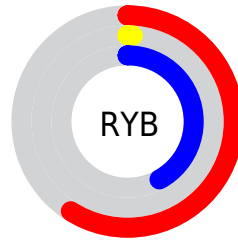
The YIQ color **58.4070, 55.4200, 63.9320** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **94.5930, -55.4200, -63.9320**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5880, 52.9920, 52.8640**, and **35.1310, 37.6810, 38.4890** is the 20% darker color. If you saturate the color by 10%, you get **57.1190, 56.2910, 64.6670**, and if you desaturate by 10%, it is **67.7820, 49.6900, 57.6420**.

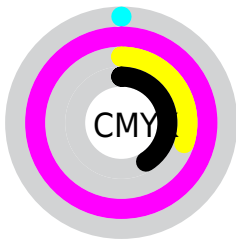
Distribution



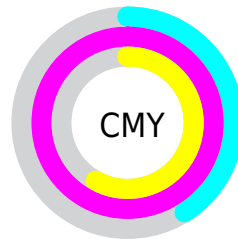
- Red (59%)
- Green (1%)
- Blue (42%)



- Red (59%)
- Yellow (1%)
- Blue (42%)



- Cyan (0%)
- Magenta (99%)
- Yellow (30%)
- Black (41%)





- Cyan (41%)
- Magenta (99%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 58.4070, 55.4200, 63.9320 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 58.4070, 55.4200, 63.9320 by changing the saturation by 10% instead.


 58.4070, 55.4200,
63.9320


 58.4070, 55.4200,
63.9320

255.0000, -0.0000,
-0.0000


 46.1250, 46.9860,
51.5780


 125.5880, 52.9920,
52.8640


 35.1310, 37.6810,
38.4890

 154.0720, 54.5050,
52.9770


 24.5500, 28.6510,
25.9230

 178.4840, 47.3530,
50.4330

 14.1540, 20.5380,
13.2580


 198.2260, 30.3440,
44.8080


 0.0000, 0.0000,
0.0000


 216.8450, 17.8750,
33.9950


 233.8680, 9.9000,


18.8280


 250.8910, 1.9250,
3.6610


 58.4070, 55.4200,
63.9320


 58.4070, 55.4200,
63.9320


 57.1190, 56.2910,
64.6670

 67.7820, 49.6900,
57.6420

 77.0430, 44.2810,
51.0410

 86.4180, 38.5510,
44.7510

 95.6790, 33.1420,
38.1500

 105.6410, 27.1370,
31.3370

■ 114.9020, 21.7280,
24.7360

■ 124.2770, 15.9980,
18.4460

■ 133.6520, 10.2680,
12.1560

■ 142.9130, 4.8590,
5.5550

Harmonies

Analogous

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



78.7420, 2.4680, 43.3960



58.4070, 55.4200, 63.9320



54.9360, 78.2550, 52.0710

Triad

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



58.4070, 55.4200, 63.9320



71.7330, 21.6000, -28.0320



74.2840, -74.1370, -5.5370

Complementary

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



58.4070, 55.4200, 63.9320



94.5930, -55.4200, -63.9320

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.



69.7410, -59.9670, -20.0550



58.4070, 55.4200, 63.9320



54.5910, -25.5750, -48.6390

Square

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



58.4070, 55.4200, 63.9320



73.7250, 51.5820, -9.7140



62.6390, -42.7250, -35.1810



73.9540, -81.4750, 6.3090

Rectangle

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



58.4070, 55.4200, 63.9320



63.2830, 77.7550, 28.0830



62.6390, -42.7250, -35.1810



72.8020, -69.9640, -9.5800

Sweetspot

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



58.4070, 55.4200, 63.9320



159.4290, 21.6820, 25.5700



32.4410, -21.0090, 55.8790



77.3150, 12.8350, 15.1950



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



58.4070, 55.4200, 63.9320



74.2220, 72.8390, 84.1590



49.9710, 79.1740, 40.9180



71.9620, 3.1630, 3.2510



53.0320, 51.9820, 60.1580



4.9130, 4.8590, 5.5550

Inverse Universe

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



58.4070, 55.4200, 63.9320



74.2220, 72.8390, 84.1590



103.0290, -79.1740, -40.9180



71.9620, 3.1630, 3.2510



53.0320, 51.9820, 60.1580



4.9130, 4.8590, 5.5550

Previews

White Background



This preview shows how the YIQ color 58.4070, 55.4200, 63.9320 looks on a white background.

Color Contrast Check

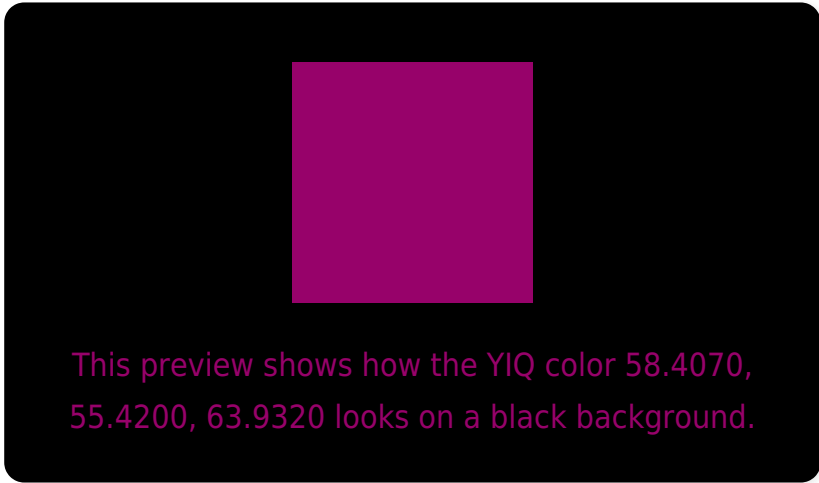
Large Text (above 18pt) WCAG AA ✓ Pass

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

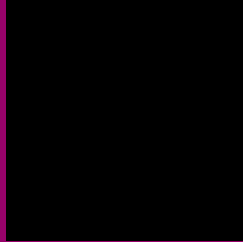
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.4070, 55.4200, 63.9320

Background



This preview shows how black text looks on a background with the YIQ color 58.4070, 55.4200, 63.9320.



This preview shows how white text looks on a background with the YIQ color 58.4070, 55.4200,

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

58.4070, 55.4200, 63.9320

Protanopia

76.7430, -43.9720, 14.9720

Deuteranopia

81.5790, -5.8240, 6.4320



Tritanopia

73.6230, 61.9380, 22.8820

Trichromacy



Original Color

58.4070, 55.4200, 63.9320

Protanomaly

70.1440, -7.8920, 32.9080

Deuteranomaly

73.2590, 16.4090, 27.5210

Tritanomaly

67.7390, 59.2760, 38.0920

Monochromacy



Original Color

58.4070, 55.4200, 63.9320

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.3640, 20.3070, 22.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.4070, 55.4200, 63.9320 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(151, 2, 106)` looks like.

```
.text, #text, p{  
    color:rgb(151, 2, 106)  
}
```

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(151, 2, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 2, 106) }
```

Border

The CSS property to change the border of an element to YIQ 58.4070, 55.4200, 63.9320 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(151, 2, 106) }
```


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

```
.border{ border-color:rgb(151, 2, 106) }
```

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

Here you see how a box with a 4 pixel rgb(151, 2, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 2, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 2, 106);  
box-shadow:4px 4px 4px 4px rgb(151, 2,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 58.4070, 55.4200, 63.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 2, 106) }
```

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

```
.background{ background-color: rgb(151, 2,  
106) }
```

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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