

Converting Colors

YIQ(63.4260, 62.4360, 57.9240)

Have a look what the booklet for
YIQ(63.4260, 62.4360, 57.9240)
contains.

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Color

**YIQ(63.4260, 62.4360,
57.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	9F095D
RGB	159, 9, 93
RGB Percent	62%, 4%, 36%
CMY	0.3761, 0.9649, 0.6351
CMYK	0.00, 0.94, 0.42, 0.38
HSL	326°, 89%, 33%
HSV	326°, 94%, 62%
XYZ	16.3936, 8.3668, 11.1177
YIQ	63.4260, 62.4360, 57.9240

Conversions

Conversions Part 2

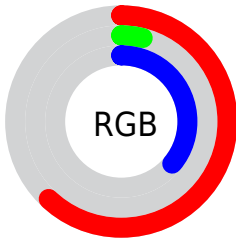
Format	Color
R_{YB}	159, 9, 93
Decimal	10422621
CIE _{Lab}	34.74, 59.64, -6.00
CIE _{LCh}	35, 59.938, 354.251
Yxy	8.3668, 0.4569, 0.2332
Android (android.graphics.Color)	4288612701 (0xFF9F095D)
YUV	63.4260, 14.5800, 83.8184
Hunter-Lab	28.9253, 50.5468, -2.5408

Details

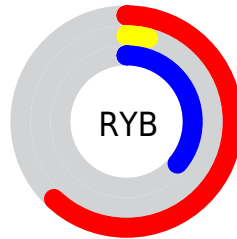
The YIQ color **63.4260, 62.4360, 57.9240** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **104.5740, -62.4360, -57.9240**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.4440, 62.0250, 48.8490**, and **35.8560, 45.7050, 36.2410** is the 20% darker color. If you saturate the color by 10%, you get **57.6870, 66.1950, 61.3870**, and if you desaturate by 10%, it is **73.6160, 55.7890, 51.7330**.

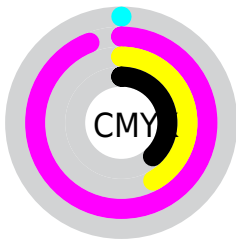
Distribution



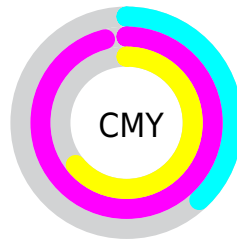
- Red (62%)
- Green (4%)
- Blue (36%)



- Red (62%)
- Yellow (4%)
- Blue (36%)



- Cyan (0%)
- Magenta (94%)
- Yellow (42%)
- Black (38%)





- Cyan (38%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 63.4260, 62.4360, 57.9240 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 63.4260, 62.4360, 57.9240 by changing the saturation by 10% instead.


 63.4260, 62.4360,
57.9240


 63.4260, 62.4360,
57.9240


255.0000, -0.0000,
-0.0000


 46.8500, 55.0100,
49.3300


 128.4440, 62.0250,
48.8490

 35.8560, 45.7050,
36.2410

 157.2270, 64.1340,
49.1740


 25.2040, 35.4370,
24.0850

 178.5350, 51.3430,
44.1990

 14.5800, 27.9660,
10.7980

 198.7500, 34.3800,
37.7400

 0.0000, 0.0000,
0.0000

 218.4920, 17.3710,
32.1150

 235.6290, 9.0750,

17.2590

253.2390, 0.8250,
1.5690

■ 63.4260, 62.4360,
57.9240

■ 63.4260, 62.4360,
57.9240

■ 57.6870, 66.1950,
61.3870

■ 73.6160, 55.7890,
51.7330

■ 83.8060, 49.1420,
45.5420

■ 93.9960, 42.4950,
39.3510

■ 104.1860, 35.8480,
33.1600

■ 114.3760, 29.2010,
26.9690

■ 123.9790, 22.8290,
21.3010

■ 134.1690, 16.1820,
15.1100

■ 144.3590, 9.5350,
8.9190

■ 154.5490, 2.8880,
2.7280

Harmonies

Analogous

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



80.4190, 19.6150, 46.5190



63.4260, 62.4360, 57.9240



66.2970, 75.1400, 36.9320

Triad

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



63.4260, 62.4360, 57.9240



71.6670, 12.7980, -33.7140



76.2390, -78.2640, -2.3280

Complementary

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



63.4260, 62.4360, 57.9240



104.5740, -62.4360, -57.9240

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.



73.5540, -66.5700, -16.0260



63.4260, 62.4360, 57.9240



59.4640, -32.4070, -45.9670

Square

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



63.4260, 62.4360, 57.9240



77.4910, 43.1930, -17.3750



67.3810, -50.5660, -30.7420



73.7090, -82.1630, 7.7650

Rectangle

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



63.4260, 62.4360, 57.9240



72.1600, 73.1270, 12.8310



67.3810, -50.5660, -30.7420



76.1590, -75.2830, -6.7950

Sweetspot

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



63.4260, 62.4360, 57.9240



169.9900, 24.2960, 22.2480



45.5350, -9.4100, 60.4300



82.0440, 15.0360, 13.8520



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.



63.4260, 62.4360, 57.9240



75.1170, 86.1360, 79.9600



54.9900, 86.1900, 34.9100



73.9620, 3.1630, 3.2510



51.8770, 59.5480, 55.1960



5.5110, 6.0510, 5.9790

Inverse Universe

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



63.4260, 62.4360, 57.9240



75.1170, 86.1360, 79.9600



113.0100, -86.1900, -34.9100



73.9620, 3.1630, 3.2510



51.8770, 59.5480, 55.1960



5.5110, 6.0510, 5.9790

Previews

White Background



This preview shows how the YIQ color 63.4260, 62.4360, 57.9240 looks on a white background.

Color Contrast Check

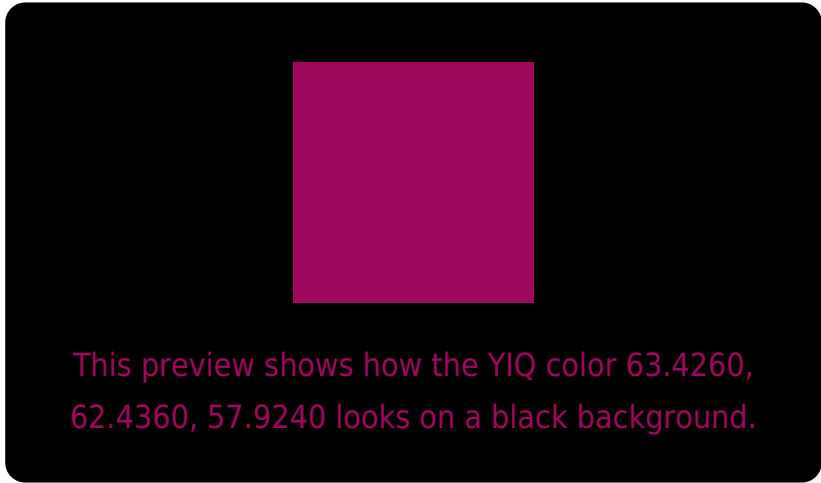
Large Text (above 18pt) WCAG AA ✓ Pass

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

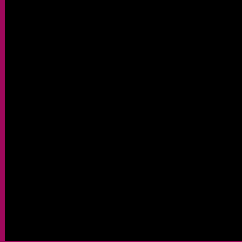
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.4260, 62.4360, 57.9240

Background



This preview shows how black text looks on a background with the YIQ color 63.4260, 62.4360, 57.9240.



This preview shows how white text looks on a background with the YIQ color 63.4260, 62.4360,

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

63.4260, 62.4360, 57.9240

Protanopia

82.7310, -26.5030, 12.2570

Deuteranopia

84.5600, 4.3550, 3.6750



Tritanopia

72.6950, 70.6030, 25.5390

Trichromacy



Original Color

63.4260, 62.4360, 57.9240

Protanomaly

75.3380, 6.0010, 28.9210

Deuteranomaly

77.1150, 25.4420, 23.5060

Tritanomaly

69.4040, 67.5290, 37.2010

Monochromacy



Original Color

63.4260, 62.4360, 57.9240

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9790, 22.8290, 21.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.4260, 62.4360, 57.9240 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(159, 9, 93)` looks like.

```
.text, #text, p{  
    color:rgb(159, 9, 93)  
}
```

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(159, 9, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 9, 93) }
```

Border

The CSS property to change the border of an element to YIQ 63.4260, 62.4360, 57.9240 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(159, 9, 93) }
```


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

```
.border{ border-color:rgb(159, 9, 93) }
```

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

Here you see how a box with a 4 pixel rgb(159, 9, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 9, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 9, 93);  
box-shadow:4px 4px 4px 4px rgb(159, 9, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.4260, 62.4360, 57.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 9, 93) }
```

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

```
.background{ background-color: rgb(159, 9,  
93) }
```

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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