

Converting Colors

YIQ(57.1900, 57.5290, 64.2570)

Have a look what the booklet for
YIQ(57.1900, 57.5290, 64.2570)
contains.

YIQ(57.1900, 57.5290, 64.2570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(57.1900, 57.5290,
64.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	980067
RGB	152, 0, 103
RGB Percent	60%, 0%, 40%
CMY	0.4035, 0.9999, 0.5959
CMYK	0.00, 1.00, 0.32, 0.40
HSL	319°, 100%, 30%
HSV	319°, 100%, 60%
XYZ	15.4193, 7.6659, 13.5089
YIQ	57.1900, 57.5290, 64.2570

Conversions

Conversions Part 2

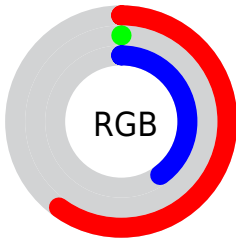
Format	Color
RYB	152, 0, 103
Decimal	9961575
CIELab	33.28, 60.29, -14.79
CIELCh	33, 62.082, 346.217
Yxy	7.6659, 0.4214, 0.2095
Android (android.graphics.Color)	4288151655 (0xFF980067)
YUV	57.1900, 22.5843, 83.1484
Hunter-Lab	27.6874, 50.9550, -9.5469

Details

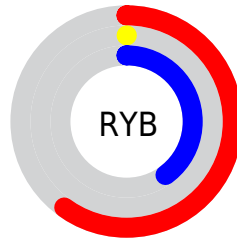
The YIQ color **57.1900, 57.5290, 64.2570** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **94.8100, -57.5290, -64.2570**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9580, 54.8260, 52.6660**, and **35.0880, 39.2400, 37.7680** is the 20% darker color. If you saturate the color by 10%, you get **57.1900, 57.5290, 64.2570**, and if you desaturate by 10%, it is **66.5650, 51.7990, 57.9670**.

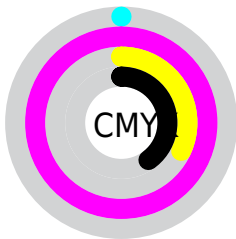
Distribution



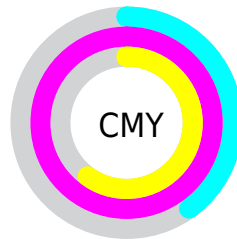
- Red (60%)
- Green (0%)
- Blue (40%)



- Red (60%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.1900, 57.5290, 64.2570 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 57.1900, 57.5290, 64.2570 by changing the saturation by 10% instead.

■ 57.1900, 57.5290,
64.2570

■ 57.1900, 57.5290,
64.2570

■ 255.0000, -0.0000,
-0.0000

■ 46.0820, 48.5450,
50.8570

■ 124.9580, 54.8260,
52.6660

■ 35.0880, 39.2400,
37.7680

■ 153.4420, 56.3390,
52.7790

■ 24.6210, 29.8890,
25.5130

■ 177.5550, 48.5910,
50.0230

■ 13.8830, 22.7390,
11.9150

■ 197.7700, 31.6280,
43.5640

■ 0.0000, 0.0000,
0.0000

■ 216.2580, 18.1500,
34.5180

■ 233.2810, 10.1750,

19.3510

250.8910, 1.9250,
3.6610

57.1900, 57.5290,
64.2570

66.5650, 51.7990,
57.9670

75.9400, 46.0690,
51.6770

85.9020, 40.0640,
44.8640

95.2770, 34.3340,
38.5740

104.6520, 28.6040,
32.2840

■ 113.9130, 23.1950,
25.6830

■ 123.2880, 17.4650,
19.3930

■ 133.2500, 11.4600,
12.5800

■ 142.6250, 5.7300,
6.2900

Harmonies

Analogous

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



78.7100, 5.4940, 43.6220



57.1900, 57.5290, 64.2570



54.2950, 78.6220, 50.9260

Triad

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



57.1900, 57.5290, 64.2570



70.8360, 19.8120, -28.6680



73.9250, -74.5040, -4.3920

Complementary

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



57.1900, 57.5290, 64.2570



94.8100, -57.5290, -64.2570

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.



70.0830, -60.9300, -19.1220



57.1900, 57.5290, 64.2570



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.



57.1900, 57.5290, 64.2570



74.3010, 49.8400, -11.1840



62.9810, -43.6880, -34.2480



73.3670, -81.2000, 6.8320

Rectangle

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



57.1900, 57.5290, 64.2570



64.1040, 76.7010, 25.1570



62.9810, -43.6880, -34.2480



73.0300, -70.6060, -8.9580

Sweetspot

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



57.1900, 57.5290, 64.2570



161.6140, 22.5990, 25.4710



31.6800, -20.1840, 57.4480



77.2010, 13.1560, 14.8840



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.



57.1900, 57.5290, 64.2570



74.8910, 75.2690, 84.1730



48.6400, 81.6040, 40.9320



71.9620, 3.1630, 3.2510



52.6900, 52.9450, 59.2250



4.9130, 4.8590, 5.5550

Inverse Universe

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



57.1900, 57.5290, 64.2570



74.8910, 75.2690, 84.1730



103.3600, -81.6040, -40.9320



71.9620, 3.1630, 3.2510



52.6900, 52.9450, 59.2250



4.9130, 4.8590, 5.5550

Previews

White Background



This preview shows how the YIQ color 57.1900, 57.5290, 64.2570 looks on a white background.

Color Contrast Check

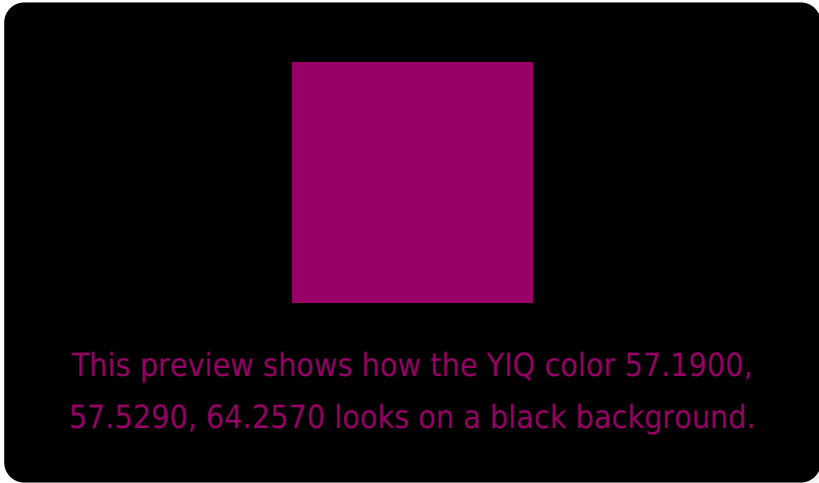
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.1900, 57.5290, 64.2570

Background



This preview shows how black text looks on a background with the YIQ color 57.1900, 57.5290, 64.2570.



This preview shows how white text looks on a background with the YIQ color 57.1900, 57.5290,

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

57.1900, 57.5290, 64.2570

Protanopia

77.4830, -40.3040, 14.5760

Deuteranopia

81.8350, -3.6690, 5.9230



Tritanopia

73.1070, 63.4510, 22.9950

Trichromacy



Original Color

57.1900, 57.5290, 64.2570

Protanomaly

69.9980, -4.5450, 32.8230

Deuteranomaly

72.6290, 18.2430, 27.3230

Tritanomaly

67.1090, 61.1100, 37.8940

Monochromacy



Original Color

57.1900, 57.5290, 64.2570

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0760, 21.1780, 23.6900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.1900, 57.5290, 64.2570 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(152, 0, 103)` looks like.

```
.text, #text, p{  
    color:rgb(152, 0, 103)  
}
```

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(152, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 0, 103) }
```

Border

The CSS property to change the border of an element to YIQ 57.1900, 57.5290, 64.2570 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(152, 0, 103) }
```


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

```
.border{ border-color:rgb(152, 0, 103) }
```

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

Here you see how a box with a 4 pixel rgb(152, 0, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 0, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 0, 103);  
box-shadow:4px 4px 4px 4px rgb(152, 0,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 57.1900, 57.5290, 64.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 0, 103) }
```

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

```
.background{ background-color: rgb(152, 0,  
103) }
```

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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