

Converting Colors

YIQ(57.1340, 51.9350, 66.5190)

Have a look what the booklet for
YIQ(57.1340, 51.9350, 66.5190)
contains.

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Color

**YIQ(57.1340, 51.9350,
66.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	940071
RGB	148, 0, 113
RGB Percent	58%, 0%, 44%
CMY	0.4192, 0.9999, 0.5567
CMYK	0.00, 1.00, 0.24, 0.42
HSL	314°, 100%, 29%
HSV	314°, 100%, 58%
XYZ	15.2146, 7.4989, 16.2772
YIQ	57.1340, 51.9350, 66.5190

Conversions

Conversions Part 2

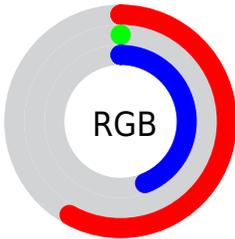
Format	Color
R_{YB}	148, 0, 113
Decimal	9699441
CIE _{Lab}	32.92, 60.64, -21.81
CIE _{LCh}	33, 64.438, 340.220
Yxy	7.4989, 0.3902, 0.1923
Android (android.graphics.Color)	4287889521 (0xFF940071)
YUV	57.1340, 27.5419, 79.6895
Hunter-Lab	27.3841, 51.2523, -16.0734

Details

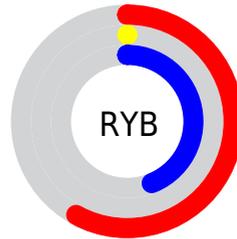
The YIQ color **57.1340, 51.9350, 66.5190** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **90.8660, -51.9350, -66.5190**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0160, 48.9110, 55.2390**, and **34.9180, 33.9670, 39.7190** is the 20% darker color. If you saturate the color by 10%, you get **57.1340, 51.9350, 66.5190**, and if you desaturate by 10%, it is **66.3950, 46.5260, 59.9180**.

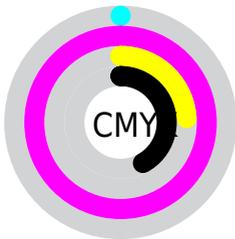
Distribution



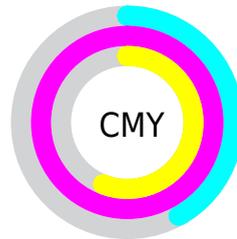
- Red (58%)
- Green (0%)
- Blue (44%)



- Red (58%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (42%)



- Cyan (42%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.1340, 51.9350, 66.5190 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 57.1340, 51.9350, 66.5190 by changing the saturation by 10% instead.

■ 57.1340, 51.9350,
66.5190

■ 57.1340, 51.9350,
66.5190

■ 255.0000, -0.0000,
-0.0000

■ 45.9120, 43.2720,
52.8080

■ 125.0160, 48.9110,
55.2390

■ 34.9180, 33.9670,
39.7190

■ 153.5000, 50.4240,
55.3520

■ 24.6360, 25.5330,
27.3650

■ 178.8090, 45.0600,
53.4440

■ 14.0550, 16.5030,
14.7990

■ 198.5510, 28.0510,
47.8190

■ 0.0000, 0.0000,
0.0000

■ 216.2580, 18.1500,
34.5180

■ 233.2810, 10.1750,

19.3510

250.3040, 2.2000,
4.1840

57.1340, 51.9350,
66.5190

66.3950, 46.5260,
59.9180

75.5420, 41.4380,
53.0060

84.2160, 36.3040,
46.9280

93.3630, 31.2160,
40.0160

102.6240, 25.8070,
33.4150

■ 111.7710, 20.7190,
26.5030

■ 121.0320, 15.3100,
19.9020

■ 130.1790, 10.2220,
12.9900

■ 138.8530, 5.0880,
6.9120

Harmonies

Analogous

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



77.8980, -6.8390, 41.3610



57.1340, 51.9350, 66.5190



55.9190, 76.9250, 54.1490

Triad

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



57.1340, 51.9350, 66.5190



71.4670, 25.4050, -25.4030



73.2410, -72.5780, -6.2580

Complementary

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



57.1340, 51.9350, 66.5190



90.8660, -51.9350, -66.5190

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.



68.2420, -57.1240, -22.0200



57.1340, 51.9350, 66.5190



54.9120, -22.0450, -46.5330

Square

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



57.1340, 51.9350, 66.5190



72.8720, 55.6620, -6.5620



60.9120, -39.2400, -37.7680



73.8400, -81.1540, 5.9980

Rectangle

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



57.1340, 51.9350, 66.5190



54.1840, 82.8880, 39.6880



60.9120, -39.2400, -37.7680



72.1180, -68.0380, -11.4460

Sweetspot

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



57.1340, 51.9350, 66.5190



158.3580, 20.4440, 25.9800



27.3370, -26.6480, 53.4480



75.5430, 12.1930, 15.8170



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.



57.1340, 51.9350, 66.5190



74.8780, 68.1160, 87.1560



48.8120, 75.3680, 43.8160



69.6630, 2.5670, 3.0390



53.2320, 48.5430, 61.9110



3.9020, 3.3920, 4.6080

Inverse Universe

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



57.1340, 51.9350, 66.5190



74.8780, 68.1160, 87.1560



99.3020, -75.6890, -43.5050



69.6630, 2.5670, 3.0390



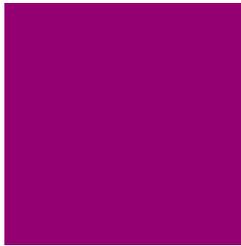
53.2320, 48.5430, 61.9110



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 57.1340, 51.9350, 66.5190 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

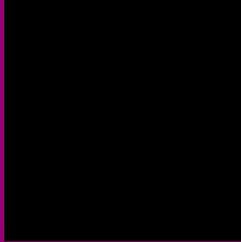
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.1340, 51.9350, 66.5190

Background



This preview shows how black text looks on a background with the YIQ color 57.1340, 51.9350, 66.5190.



This preview shows how white text looks on a background with the YIQ color 57.1340, 51.9350,

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

57.1340, 51.9350, 66.5190

Protanopia

71.9140, -57.6350, 14.7890

Deuteranopia

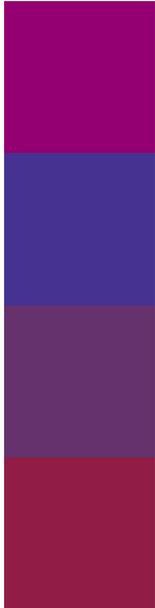
80.8820, -11.0510, 7.5490



Tritanopia

74.5300, 57.7660, 21.3980

Trichromacy



Original Color

57.1340, 51.9350, 66.5190

Protanomaly

66.6960, -18.2540, 33.4740

Deuteranomaly

72.2740, 12.0530, 29.3730

Tritanomaly

68.4720, 55.6540, 37.6540

Monochromacy



Original Color

57.1340, 51.9350, 66.5190

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8200, 19.0230, 24.1990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.1340, 51.9350, 66.5190 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(148, 0, 113)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 113)  
}
```

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(148, 0, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 113) }
```

Border

The CSS property to change the border of an element to YIQ 57.1340, 51.9350, 66.5190 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(148, 0, 113) }
```

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

```
.border{ border-color:rgb(148, 0, 113) }
```

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

Here you see how a box with a 4 pixel rgb(148, 0, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 113);  
box-shadow:4px 4px 4px 4px rgb(148, 0,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 57.1340, 51.9350, 66.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 113) }
```

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

```
.background{ background-color: rgb(148, 0,  
113) }
```

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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