

Converting Colors

YIQ(62.9200, 57.9890, 55.9170)

Have a look what the booklet for
YIQ(62.9200, 57.9890, 55.9170)
contains.

YIQ(62.9200, 57.9890, 55.9170)	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(62.9200, 57.9890,
55.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	990B5E
RGB	153, 11, 94
RGB Percent	60%, 4%, 37%
CMY	0.3996, 0.9570, 0.6312
CMYK	0.00, 0.93, 0.39, 0.40
HSL	325°, 87%, 32%
HSV	325°, 93%, 60%
XYZ	15.2969, 7.8289, 11.3045
YIQ	62.9200, 57.9890, 55.9170

Conversions

Conversions Part 2

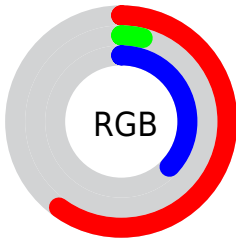
Format	Color
RYB	153, 11, 94
Decimal	10029918
CIELab	33.62, 58.08, -8.44
CIElCh	34, 58.687, 351.730
Yxy	7.8289, 0.4443, 0.2274
Android (android.graphics.Color)	4288219998 (0xFF990B5E)
YUV	62.9200, 15.3224, 79.0002
Hunter-Lab	27.9801, 48.6218, -4.3682

Details

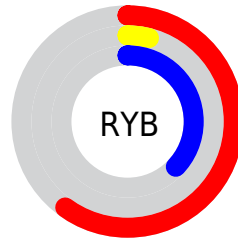
The YIQ color **62.9200, 57.9890, 55.9170** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **101.0800, -57.9890, -55.9170**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1770, 58.4030, 48.4110**, and **34.1760, 41.8080, 35.2800** is the 20% darker color. If you saturate the color by 10%, you get **55.8930, 62.6190, 60.1150**, and if you desaturate by 10%, it is **72.4090, 51.9380, 49.9380**.

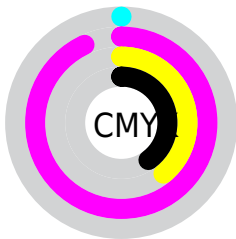
Distribution



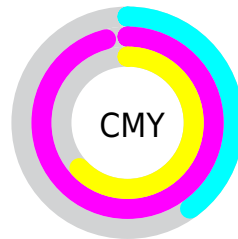
- Red (60%)
- Green (4%)
- Blue (37%)



- Red (60%)
- Yellow (4%)
- Blue (37%)



- Cyan (0%)
- Magenta (93%)
- Yellow (39%)
- Black (40%)




- Cyan (40%)
- Magenta (96%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 62.9200, 57.9890, 55.9170 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 62.9200, 57.9890, 55.9170 by changing the saturation by 10% instead.


 62.9200, 57.9890,
55.9170


 62.9200, 57.9890,
55.9170


255.0000, -0.0000,
-0.0000


 45.3550, 52.0300,
48.2700


 126.1770, 58.4030,
48.4110


 34.1760, 41.8080,
35.2800

 154.6610, 59.9160,
48.5240


 23.7090, 32.4570,
23.0250

 178.0620, 51.2970,
45.0330

 12.9710, 25.3070,
9.4270

 197.6900, 34.6090,
39.0970

 0.0000, 0.0000,
0.0000

 218.0190, 17.3250,
32.9490

 235.0420, 9.3500,

17.7820

252.0650, 1.3750,
2.6150

62.9200, 57.9890,
55.9170

62.9200, 57.9890,
55.9170

55.8930, 62.6190,
60.1150

72.4090, 51.9380,
49.9380

82.5990, 45.2910,
43.7470

92.0880, 39.2400,
37.7680

101.5770, 33.1890,
31.7890

111.7670, 26.5420,
25.5980

■ 121.2560, 20.4910,
19.6190

■ 130.8590, 14.1190,
13.9510

■ 140.3480, 8.0680,
7.9720

■ 150.4240, 1.7420,
1.4700

Harmonies

Analogous

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



78.7990, 15.4890, 44.2010



62.9200, 57.9890, 55.9170



62.9810, 73.2140, 38.7980

Triad

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



62.9200, 57.9890, 55.9170



70.5040, 14.8150, -31.7210



74.2670, -75.4670, -3.4590

Complementary

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



62.9200, 57.9890, 55.9170



101.0800, -57.9890, -55.9170

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.



70.8810, -63.1770, -16.9450



62.9200, 57.9890, 55.9170



56.3180, -29.0600, -46.0520

Square

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



62.9200, 57.9890, 55.9170



75.1430, 44.2930, -15.2830



64.8220, -47.4940, -31.3500



71.8510, -79.6870, 6.9450

Rectangle

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



62.9200, 57.9890, 55.9170



69.6700, 71.7510, 15.7430



64.8220, -47.4940, -31.3500



73.6000, -72.2110, -7.4030

Sweetspot

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



62.9200, 57.9890, 55.9170



163.5060, 22.7830, 22.1350



44.2310, -11.6100, 56.2460



78.0330, 13.5690, 12.9050



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.



62.9200, 57.9890, 55.9170



72.7250, 81.3680, 78.2640



55.0540, 80.1380, 34.4580



71.8480, 3.4840, 2.9400



51.2080, 57.1180, 55.1820



4.6850, 5.5010, 4.9330

Inverse Universe

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



62.9200, 57.9890, 55.9170



72.7250, 81.3680, 78.2640



108.9460, -80.1380, -34.4580



71.8480, 3.4840, 2.9400



51.2080, 57.1180, 55.1820



4.6850, 5.5010, 4.9330

Previews

White Background



This preview shows how the YIQ color 62.9200, 57.9890, 55.9170 looks on a white background.

Color Contrast Check

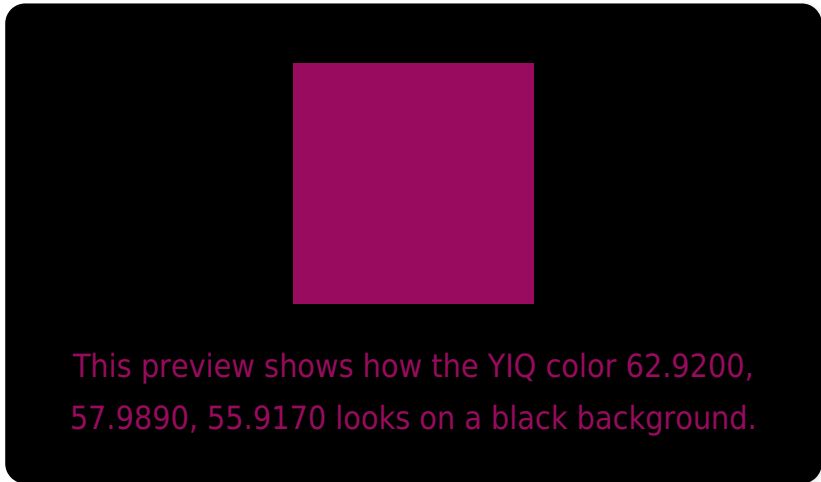
Large Text (above 18pt) WCAG AA ✓ Pass

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

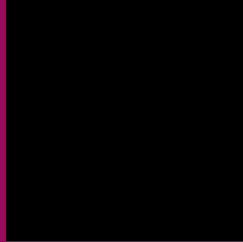
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.9200, 57.9890, 55.9170

Background



This preview shows how black text looks on a background with the YIQ color 62.9200, 57.9890, 55.9170.



This preview shows how white text looks on a background with the YIQ color 62.9200, 57.9890,

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

62.9200, 57.9890, 55.9170

Protanopia

79.8770, -29.8500, 12.3420

Deuteranopia

82.0050, 1.6040, 3.9720



Tritanopia

71.6020, 66.4310, 24.0550

Trichromacy



Original Color

62.9200, 57.9890, 55.9170

Protanomaly

73.6580, 2.1040, 27.9600

Deuteranomaly

74.8480, 21.8200, 23.0680

Tritanomaly

68.3110, 63.3570, 35.7170

Monochromacy



Original Color

62.9200, 57.9890, 55.9170

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9680, 21.3620, 20.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.9200, 57.9890, 55.9170 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(153, 11, 94)` looks like.

```
.text, #text, p{  
    color:rgb(153, 11, 94)  
}
```

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(153, 11, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 11, 94) }
```

Border

The CSS property to change the border of an element to YIQ 62.9200, 57.9890, 55.9170 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(153, 11, 94) }
```


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

```
.border{ border-color:rgb(153, 11, 94) }
```

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

Here you see how a box with a 4 pixel rgb(153, 11, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 11, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 11, 94);  
box-shadow:4px 4px 4px 4px rgb(153, 11,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 62.9200, 57.9890, 55.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 11, 94) }
```

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

```
.background{ background-color: rgb(153, 11,  
94) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor