

Converting Colors

YIQ(62.0780, 54.3680, 49.9520)

Have a look what the booklet for
YIQ(62.0780, 54.3680, 49.9520)
contains.

YIQ(62.0780, 54.3680, 49.9520)	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(62.0780, 54.3680,
49.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	910F57
RGB	145, 15, 87
RGB Percent	57%, 6%, 34%
CMY	0.4310, 0.9413, 0.6587
CMYK	0.00, 0.90, 0.40, 0.43
HSL	327°, 81%, 31%
HSV	327°, 90%, 57%
XYZ	13.5850, 7.0568, 9.6717
YIQ	62.0780, 54.3680, 49.9520

Conversions

Conversions Part 2

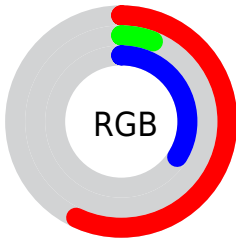
Format	Color
R_{YB}	145, 15, 87
Decimal	9506647
CIE _{Lab}	31.94, 54.80, -6.59
CIE _{LCh}	32, 55.197, 353.145
Yxy	7.0568, 0.4481, 0.2328
Android (android.graphics.Color)	4287696727 (0xFF910F57)
YUV	62.0780, 12.2865, 72.7226
Hunter-Lab	26.5647, 44.7953, -2.9909

Details

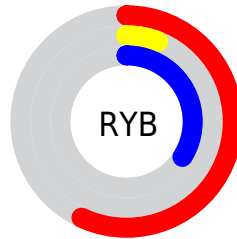
The YIQ color **62.0780, 54.3680, 49.9520** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **97.9220, -54.3680, -49.9520**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.6880, 55.2860, 44.3260**, and **31.3990, 39.5620, 31.9300** is the 20% darker color. If you saturate the color by 10%, you get **52.5890, 60.4190, 55.9310**, and if you desaturate by 10%, it is **71.0940, 48.2710, 44.8070**.

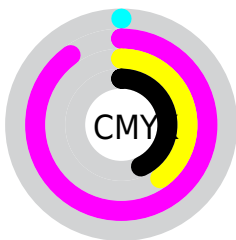
Distribution



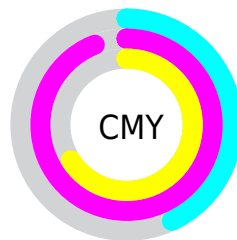
- Red (57%)
- Green (6%)
- Blue (34%)



- Red (57%)
- Yellow (6%)
- Blue (34%)



- Cyan (0%)
- Magenta (90%)
- Yellow (40%)
- Black (43%)





- Cyan (43%)
- Magenta (94%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 62.0780, 54.3680, 49.9520 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 62.0780, 54.3680, 49.9520 by changing the saturation by 10% instead.


 62.0780, 54.3680,
49.9520


 62.0780, 54.3680,
49.9520


255.0000, -0.0000,
-0.0000


 42.2790, 49.1880,
44.7080


 122.6880, 55.2860,
44.3260


 31.3990, 39.5620,
31.9300

 150.4710, 57.3950,
44.6510


 21.3450, 30.4860,
20.1980

 176.5630, 54.1400,
43.0680

 10.2800, 19.9430,
7.5190

 196.1910, 37.4520,
37.1320

 0.0000, 0.0000,
0.0000

 215.8190, 20.7640,
31.1960

 233.8680, 9.9000,

18.8280

250.8910, 1.9250,
3.6610

62.0780, 54.3680,
49.9520

62.0780, 54.3680,
49.9520

52.5890, 60.4190,
55.9310

71.0940, 48.2710,
44.8070

52.4750, 60.7400,
55.6200

80.5830, 42.2200,
38.8280

89.4850, 36.4440,
33.3720

99.0880, 30.0720,
27.7040

108.5770, 24.0210,
21.7250

■ 117.5930, 17.9240,
16.5800

■ 127.0820, 11.8730,
10.6010

■ 136.0980, 5.7760,
5.4560

■ 145.5870, -0.2750,
-0.5230

Harmonies

Analogous

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



75.1040, 15.9480, 41.3880



62.0780, 54.3680, 49.9520



62.1820, 68.0340, 33.5540

Triad

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



62.0780, 54.3680, 49.9520



66.6610, 12.9350, -30.6890



69.9470, -71.5700, -2.4980

Complementary

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



62.0780, 54.3680, 49.9520



97.9220, -54.3680, -49.9520

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.



67.4900, -60.5180, -15.5740



62.0780, 54.3680, 49.9520



54.5400, -29.5650, -42.4050

Square

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



62.0780, 54.3680, 49.9520



71.2890, 40.9460, -15.1980



61.7730, -45.7980, -29.0460



67.7760, -75.1020, 6.4500

Rectangle

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



62.0780, 54.3680, 49.9520



67.4520, 66.4330, 13.0010



61.7730, -45.7980, -29.0460



69.8670, -68.5890, -6.9650

Sweetspot

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



62.0780, 54.3680, 49.9520



156.4410, 21.4080, 19.5200



46.5640, -8.3540, 52.3020



74.9080, 12.4230, 11.6470



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



62.0780, 54.3680, 49.9520



68.4810, 78.9390, 72.7230



54.8960, 74.5910, 30.3590



66.5490, 2.8880, 2.7280



48.9150, 56.3850, 51.9450



2.8480, 3.4840, 2.9400

Inverse Universe

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



62.0780, 54.3680, 49.9520



68.4810, 78.9390, 72.7230



105.1040, -74.5910, -30.3590



66.5490, 2.8880, 2.7280



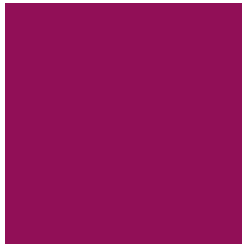
48.9150, 56.3850, 51.9450



2.8480, 3.4840, 2.9400

Previews

White Background



This preview shows how the YIQ color 62.0780, 54.3680, 49.9520 looks on a white background.

Color Contrast Check

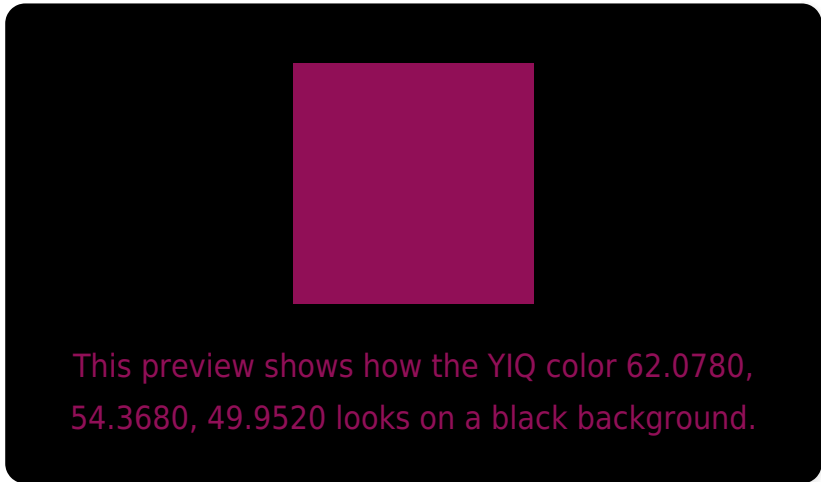
Large Text (above 18pt) WCAG AA ✓ Pass

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

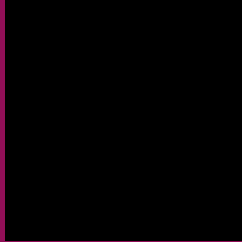
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.0780, 54.3680, 49.9520

Background



This preview shows how black text looks on a background with the YIQ color 62.0780, 54.3680, 49.9520.



This preview shows how white text looks on a background with the YIQ color 62.0780, 54.3680,

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

62.0780, 54.3680, 49.9520

Protanopia

76.2750, -25.2190, 11.0130

Deuteranopia

78.0760, 2.8420, 3.5620



Tritanopia

67.9220, 62.5340, 23.0940

Trichromacy



Original Color

62.0780, 54.3680, 49.9520

Protanomaly

71.1480, 3.4800, 25.0480

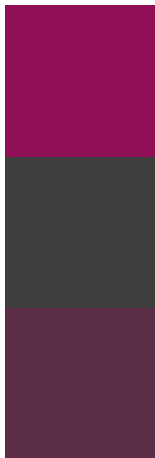
Deuteranomaly

72.2670, 21.9580, 20.5660

Tritanomaly

65.5770, 59.5520, 33.0880

Monochromacy



Original Color

62.0780, 54.3680, 49.9520

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.0170, 19.6660, 18.0500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.0780, 54.3680, 49.9520 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(145, 15, 87)` looks like.

```
.text, #text, p{  
    color:rgb(145, 15, 87)  
}
```

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(145, 15, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 15, 87) }
```

Border

The CSS property to change the border of an element to YIQ 62.0780, 54.3680, 49.9520 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(145, 15, 87) }
```


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

```
.border{ border-color:rgb(145, 15, 87) }
```

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

Here you see how a box with a 4 pixel rgb(145, 15, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 15, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 15, 87);  
box-shadow:4px 4px 4px 4px rgb(145, 15,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 62.0780, 54.3680, 49.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 15, 87) }
```

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

```
.background{ background-color: rgb(145, 15,  
87) }
```

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