

Converting Colors

YIQ(62.2470, 44.1870, 63.7630)

Have a look what the booklet for
YIQ(62.2470, 44.1870, 63.7630)
contains.

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Color

**YIQ(62.2470, 44.1870,
63.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	90097A
RGB	144, 9, 122
RGB Percent	56%, 4%, 48%
CMY	0.4349, 0.9649, 0.5215
CMYK	0.00, 0.94, 0.15, 0.43
HSL	310°, 88%, 30%
HSV	310°, 94%, 57%
XYZ	15.1304, 7.5381, 19.0772
YIQ	62.2470, 44.1870, 63.7630

Conversions

Conversions Part 2

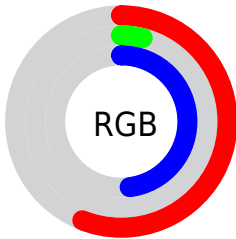
Format	Color
RYB	144, 9, 122
Decimal	9439610
CIELab	33.00, 59.77, -27.43
CIElCh	33, 65.760, 335.349
Yxy	7.5381, 0.3624, 0.1806
Android (android.graphics.Color)	4287629690 (0xFF90097A)
YUV	62.2470, 29.4582, 71.6974
Hunter-Lab	27.4557, 50.3210, -21.9779

Details

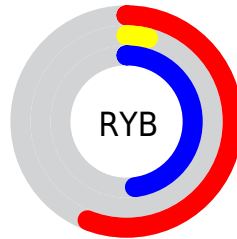
The YIQ color **62.2470, 44.1870, 63.7630** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **90.7530, -44.1870, -63.7630**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.8350, 42.1710, 56.2430**, and **34.9330, 29.6110, 41.5710** is the 20% darker color. If you saturate the color by 10%, you get **56.8500, 46.9830, 68.1590**, and if you desaturate by 10%, it is **70.6930, 39.6950, 57.0630**.

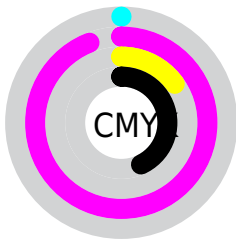
Distribution



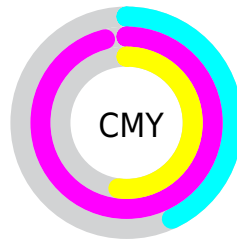
- Red (56%)
- Green (4%)
- Blue (48%)



- Red (56%)
- Yellow (4%)
- Blue (48%)



- Cyan (0%)
- Magenta (94%)
- Yellow (15%)
- Black (43%)





- Cyan (43%)
- Magenta (96%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 62.2470, 44.1870, 63.7630 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 62.2470, 44.1870, 63.7630 by changing the saturation by 10% instead.


 62.2470, 44.1870,
63.7630


 62.2470, 44.1870,
63.7630


255.0000, -0.0000,
-0.0000


 45.7420, 37.9990,
54.7590


 125.8350, 42.1710,
56.2430


 34.9330, 29.6110,
41.5710

 154.3190, 43.6840,
56.3560


 24.5370, 21.4980,
28.9060

 181.2370, 40.9790,
55.8190

 13.9560, 12.4680,
16.3400

 200.4090, 25.5750,
48.6390

 0.0000, 0.0000,
0.0000

 217.4320, 17.6000,
33.4720

 234.4550, 9.6250,

18.3050

251.4780, 1.6500,
3.1380

62.2470, 44.1870,
63.7630

62.2470, 44.1870,
63.7630

56.8500, 46.9830,
68.1590

70.6930, 39.6950,
57.0630

79.8400, 34.6070,
50.1510

88.2860, 30.1150,
43.4510

97.3190, 25.3480,
36.2280

105.8790, 20.5350,
29.8390

■ 114.3250, 16.0430,
23.1390

■ 123.4720, 10.9550,
16.2270

■ 131.9180, 6.4630,
9.5270

■ 140.9510, 1.6960,
2.3040

Harmonies

Analogous

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



77.5590, -19.1260, 38.2660



62.2470, 44.1870, 63.7630



57.1300, 74.9530, 56.8490

Triad

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



62.2470, 44.1870, 63.7630



72.6850, 30.7230, -22.6610



73.1440, -70.9270, -8.6470

Complementary

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



62.2470, 44.1870, 63.7630



90.7530, -44.1870, -63.7630

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.



67.3300, -54.5560, -24.5080



62.2470, 44.1870, 63.7630



60.9030, -8.6580, -41.3460

Square

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



62.2470, 44.1870, 63.7630



72.0300, 61.2090, -2.4630



59.7720, -36.0300, -40.8780



74.9000, -81.3830, 4.6410

Rectangle

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



62.2470, 44.1870, 63.7630



52.6560, 84.6750, 45.8510



59.7720, -36.0300, -40.8780



71.9070, -66.0660, -14.1460

Sweetspot

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



62.2470, 44.1870, 63.7630



154.5640, 16.8680, 24.7080



30.3700, -31.4150, 46.2250



74.6460, 10.4050, 15.1810



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.



62.2470, 44.1870, 63.7630



73.3980, 60.7800, 87.9480



54.7230, 65.3730, 43.2370



66.7770, 2.2460, 3.3500



53.2470, 44.1870, 63.7630



3.0760, 2.8420, 3.5620

Inverse Universe

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



62.2470, 44.1870, 63.7630



73.3980, 60.7800, 87.9480



98.2770, -65.3730, -43.2370



66.7770, 2.2460, 3.3500



53.2470, 44.1870, 63.7630



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 62.2470, 44.1870, 63.7630 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

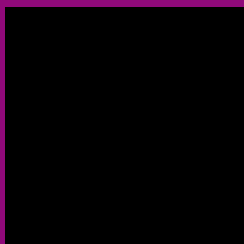
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.2470, 44.1870, 63.7630

Background



This preview shows how black text looks on a background with the YIQ color 62.2470, 44.1870, 63.7630.



This preview shows how white text looks on a background with the YIQ color 62.2470, 44.1870,

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

62.2470, 44.1870, 63.7630

Protanopia

63.8950, -73.8190, 10.7330

Deuteranopia

79.5160, -18.7080, 8.6520



Tritanopia

75.2520, 52.6770, 20.0130

Trichromacy



Original Color

62.2470, 44.1870, 63.7630

Protanomaly

63.0580, -31.1370, 30.1670

Deuteranomaly

73.5550, 3.8920, 28.5960

Tritanomaly

70.5960, 49.3730, 35.8450

Monochromacy



Original Color

62.2470, 44.1870, 63.7630

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.3250, 16.0430, 23.1390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.2470, 44.1870, 63.7630 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(144, 9, 122)` looks like.

```
.text, #text, p{  
    color:rgb(144, 9, 122)  
}
```

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(144, 9, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 9, 122) }
```

Border

The CSS property to change the border of an element to YIQ 62.2470, 44.1870, 63.7630 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(144, 9, 122) }
```


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

```
.border{ border-color:rgb(144, 9, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 9, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 9, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 9, 122);  
box-shadow:4px 4px 4px 4px rgb(144, 9,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 62.2470, 44.1870, 63.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 9, 122) }
```

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

```
.background{ background-color: rgb(144, 9,  
122) }
```

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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