

Converting Colors

YIQ(61.9200, 40.7940, 64.6820)

Have a look what the booklet for
YIQ(61.9200, 40.7940, 64.6820)
contains.

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Color

**YIQ(61.9200, 40.7940,
64.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	8D097F
RGB	141, 9, 127
RGB Percent	55%, 4%, 50%
CMY	0.4467, 0.9649, 0.5019
CMYK	0.00, 0.94, 0.10, 0.45
HSL	306°, 88%, 29%
HSV	306°, 94%, 55%
XYZ	14.9303, 7.3983, 20.7259
YIQ	61.9200, 40.7940, 64.6820

Conversions

Conversions Part 2

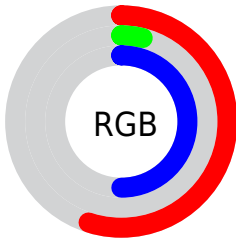
Format	Color
R_{YB}	141, 9, 127
Decimal	9243007
CIE _{Lab}	32.70, 59.88, -31.09
CIE _{LCh}	33, 67.470, 332.563
Yxy	7.3983, 0.3468, 0.1718
Android (android.graphics.Color)	4287433087 (0xFF8D097F)
YUV	61.9200, 32.0844, 69.3532
Hunter-Lab	27.1999, 50.3810, -26.1382

Details

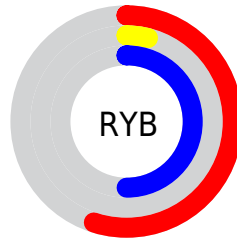
The YIQ color **61.9200, 40.7940, 64.6820** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **88.0800, -40.7940, -64.6820**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.5080, 38.7780, 57.1620**, and **34.4920, 26.5390, 42.1790** is the 20% darker color. If you saturate the color by 10%, you get **56.5230, 43.5900, 69.0780**, and if you desaturate by 10%, it is **70.3660, 36.3020, 57.9820**.

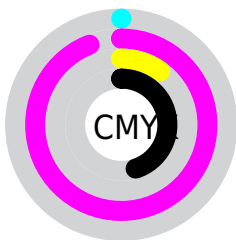
Distribution



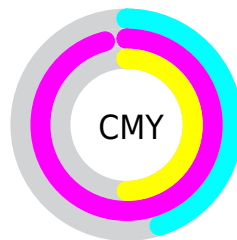
- Red (55%)
- Green (4%)
- Blue (50%)



- Red (55%)
- Yellow (4%)
- Blue (50%)



- Cyan (0%)
- Magenta (94%)
- Yellow (10%)
- Black (45%)



- Cyan (45%)
- Magenta (96%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.9200, 40.7940, 64.6820 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 61.9200, 40.7940, 64.6820 by changing the saturation by 10% instead.

61.9200, 40.7940,
64.6820

61.9200, 40.7940,
64.6820

255.0000, -0.0000,
-0.0000

45.4150, 34.6060,
55.6780

125.5080, 38.7780,
57.1620

34.4920, 26.5390,
42.1790

153.8070, 39.3740,
57.3740

24.3950, 19.0220,
29.7260

181.8070, 39.3740,
57.3740

13.8140, 9.9920,
17.1600

200.4090, 25.5750,
48.6390


0.3420, -0.9630,
0.9330


216.8450, 17.8750,
33.9950


0.0000, 0.0000,
0.0000


233.8680, 9.9000,


18.8280


 250.8910, 1.9250,
3.6610


 61.9200, 40.7940,
64.6820


 61.9200, 40.7940,
64.6820


 56.5230, 43.5900,
69.0780

 70.3660, 36.3020,
57.9820

 78.6980, 32.1310,
50.9710

 87.1440, 27.6390,
44.2710

 95.4760, 23.4680,
37.2600

 104.5090, 18.7010,
30.0370

■ 112.8410, 14.5300,
23.0260

■ 121.2870, 10.0380,
16.3260

■ 129.6190, 5.8670,
9.3150

■ 138.0650, 1.3750,
2.6150

Harmonies

Analogous

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



75.9000, -27.5160, 36.1320



61.9200, 40.7940, 64.6820



57.8850, 74.2650, 58.3050

Triad

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



61.9200, 40.7940, 64.6820



72.4080, 33.0610, -20.9790



72.8020, -69.9640, -9.5800

Complementary

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



61.9200, 40.7940, 64.6820



88.0800, -40.7940, -64.6820

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.



66.6460, -52.6300, -26.3740



61.9200, 40.7940, 64.6820



62.1100, -4.8070, -39.5510

Square

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



61.9200, 40.7940, 64.6820



70.5790, 64.0970, 0.2650



58.1590, -32.8660, -43.1540



75.4870, -81.6580, 4.1180

Rectangle

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



61.9200, 40.7940, 64.6820



53.5960, 84.9040, 47.2080



58.1590, -32.8660, -43.1540



70.8640, -64.5070, -14.8670

Sweetspot

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



61.9200, 40.7940, 64.6820



152.7920, 16.2260, 25.3300



27.9350, -34.6240, 43.8080



73.3470, 9.8090, 14.9690



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



61.9200, 40.7940, 64.6820



73.7120, 57.0200, 90.0120



54.5100, 61.6590, 44.4670



66.8910, 1.9250, 3.6610



54.1590, 41.6190, 66.2510



3.1900, 2.5210, 3.8730

Inverse Universe

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



61.9200, 40.7940, 64.6820



73.7120, 57.0200, 90.0120



95.4900, -61.6590, -44.4670



66.8910, 1.9250, 3.6610



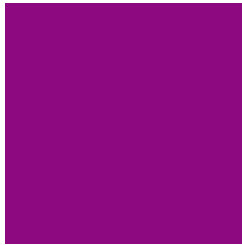
54.1590, 41.6190, 66.2510



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 61.9200, 40.7940, 64.6820 looks on a white background.

Color Contrast Check

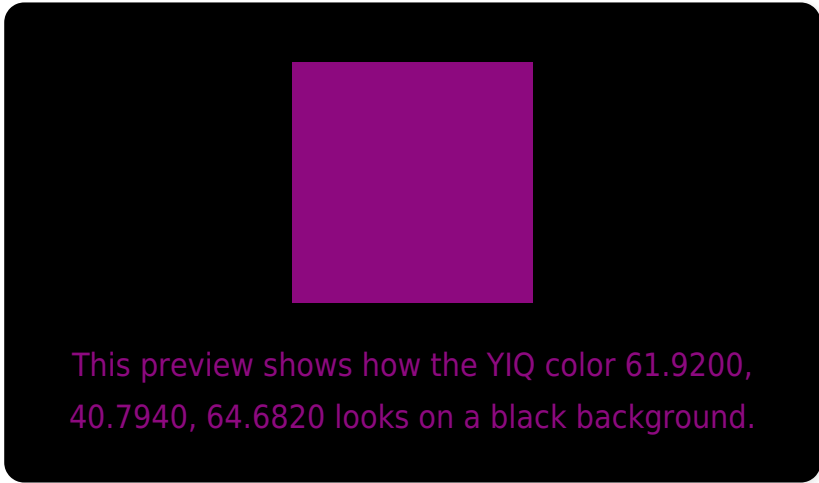
Large Text (above 18pt) WCAG AA ✓ Pass

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

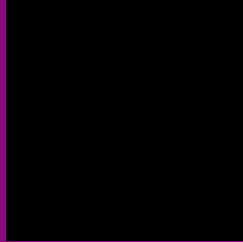
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.9200, 40.7940, 64.6820

Background



This preview shows how black text looks on a background with the YIQ color 61.9200, 40.7940, 64.6820.



This preview shows how white text looks on a background with the YIQ color 61.9200, 40.7940,

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

61.9200, 40.7940, 64.6820

Protanopia

63.0800, -72.9020, 10.6340

Deuteranopia

77.8790, -24.1640, 8.4120



Tritanopia

75.4580, 49.1010, 18.7410

Trichromacy



Original Color

61.9200, 40.7940, 64.6820

Protanomaly

62.7590, -31.7330, 29.9550

Deuteranomaly

72.2170, -0.9680, 28.5680

Tritanomaly

70.6280, 46.3470, 35.6190

Monochromacy



Original Color

61.9200, 40.7940, 64.6820

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.2540, 14.8050, 23.5490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.9200, 40.7940, 64.6820 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(141, 9, 127)` looks like.

```
.text, #text, p{  
    color:rgb(141, 9, 127)  
}
```

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(141, 9, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 9, 127) }
```

Border

The CSS property to change the border of an element to YIQ 61.9200, 40.7940, 64.6820 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(141, 9, 127) }
```


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

```
.border{ border-color:rgb(141, 9, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 9, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 9, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 9, 127);  
box-shadow:4px 4px 4px 4px rgb(141, 9,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 61.9200, 40.7940, 64.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 9, 127) }
```

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

```
.background{ background-color: rgb(141, 9,  
127) }
```

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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