

Converting Colors

YIQ(61.4940, 42.5340, 77.2060)

Have a look what the booklet for
YIQ(61.4940, 42.5340, 77.2060)
contains.

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Color

**YIQ(61.4940, 42.5340,
77.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	960092
RGB	150, 0, 146
RGB Percent	59%, 0%, 57%
CMY	0.4113, 0.9999, 0.4274
CMYK	0.00, 1.00, 0.03, 0.41
HSL	302°, 100%, 29%
HSV	302°, 100%, 59%
XYZ	17.7881, 8.5706, 27.9167
YIQ	61.4940, 42.5340, 77.2060

Conversions

Conversions Part 2

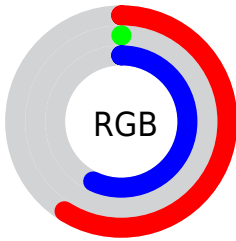
Format	Color
RYB	150, 0, 146
Decimal	9830546
CIELab	35.14, 65.55, -38.88
CIELCh	35, 76.214, 329.329
Yxy	8.5706, 0.3277, 0.1579
Android (android.graphics.Color)	4288020626 (0xFF960092)
YUV	61.4940, 41.6615, 77.6198
Hunter-Lab	29.2756, 57.2256, -36.0448

Details

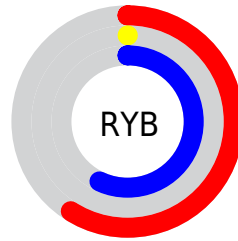
The YIQ color **61.4940, 42.5340, 77.2060** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **88.5060, -42.5340, -77.2060**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **130.8920, 37.9970, 65.8130**, and **38.9360, 25.5290, 49.4730** is the 20% darker color. If you saturate the color by 10%, you get **61.4940, 42.5340, 77.2060**, and if you desaturate by 10%, it is **70.2990, 38.4090, 69.3610**.

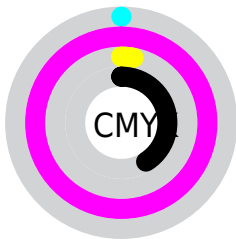
Distribution



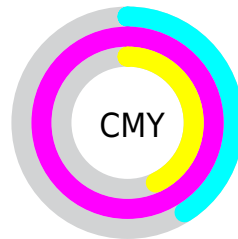
- Red (59%)
- Green (0%)
- Blue (57%)



- Red (59%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (41%)





- Cyan (41%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 61.4940, 42.5340, 77.2060 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 61.4940, 42.5340, 77.2060 by changing the saturation by 10% instead.


 61.4940, 42.5340,
77.2060


 61.4940, 42.5340,
77.2060


255.0000, -0.0000,
-0.0000


 50.1580, 34.1920,
63.1840


 130.8920, 37.9970,
65.8130


 38.9360, 25.5290,
49.4730


 160.0770, 38.9140,
65.7140


 28.3120, 18.0580,
36.1860

 184.5600, 33.0000,
62.7600

 17.9160, 9.9450,
23.5210

 201.5830, 25.0250,
47.5930

 2.8500, -8.0250,
7.7750

 218.0190, 17.3250,
32.9490

 0.0000, 0.0000,
0.0000

 235.6290, 9.0750,

17.2590

252.6520, 1.1000,
2.0920

61.4940, 42.5340,
77.2060

70.2990, 38.4090,
69.3610

79.2180, 33.9630,
61.8270

88.0230, 29.8380,
53.9820

96.9420, 25.3920,
46.4480

105.7470, 21.2670,
38.6030

■ 114.5520, 17.1420,
30.7580

■ 123.4710, 12.6960,
23.2240

■ 132.2760, 8.5710,
15.3790

■ 141.1950, 4.1250,
7.8450

Harmonies

Analogous

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



77.8470, -46.3600, 36.2320



61.4940, 42.5340, 77.2060



64.0370, 79.9490, 65.4290

Triad

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



61.4940, 42.5340, 77.2060



77.7570, 39.3880, -20.0040



78.4100, -74.7320, -11.2760

Complementary

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



61.4940, 42.5340, 77.2060



88.5060, -42.5340, -77.2060

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.



70.7550, -54.5550, -30.0350



61.4940, 42.5340, 77.2060



67.1270, -3.4770, -41.6290

Square

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



61.4940, 42.5340, 77.2060



73.6020, 74.4580, 5.2260



60.3300, -29.3340, -52.1020



82.5940, -89.2690, 4.3870

Rectangle

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



61.4940, 42.5340, 77.2060



59.8900, 93.0640, 53.5120



60.3300, -29.3340, -52.1020



76.1300, -68.3120, -17.4960

Sweetspot

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



61.4940, 42.5340, 77.2060



161.2530, 16.5460, 30.5460



17.9970, -46.3620, 47.2860



78.3410, 9.9460, 17.9940



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.



61.4940, 42.5340, 77.2060



80.3780, 55.5050, 100.9530



53.1720, 65.9670, 54.5030



69.8910, 1.9250, 3.6610



56.5380, 39.2340, 70.9300



4.1300, 2.7500, 5.2300

Inverse Universe

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



61.4940, 42.5340, 77.2060



80.3780, 55.5050, 100.9530



96.9420, -66.2880, -54.1920



69.8910, 1.9250, 3.6610



56.5380, 39.2340, 70.9300



4.1300, 2.7500, 5.2300

Previews

White Background



This preview shows how the YIQ color 61.4940, 42.5340, 77.2060 looks on a white background.

Color Contrast Check

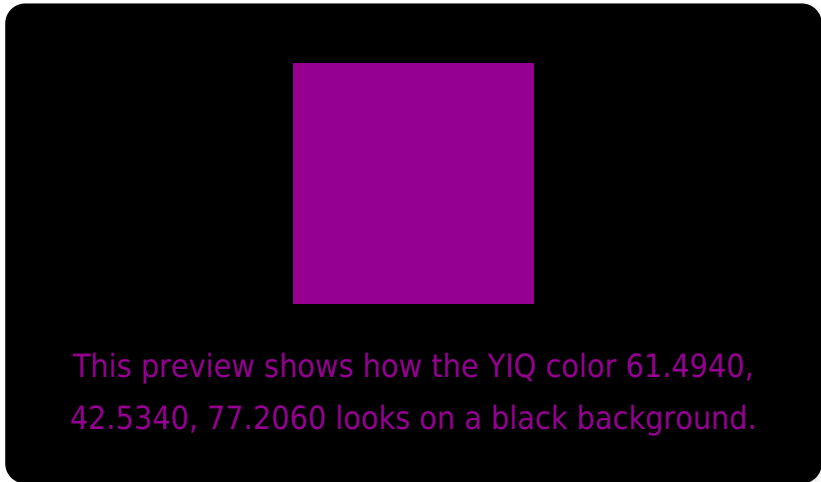
Large Text (above 18pt) WCAG AA ✓ Pass

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

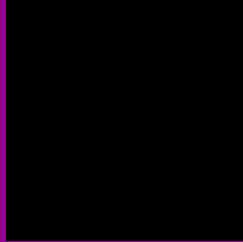
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.4940, 42.5340, 77.2060

Background



This preview shows how black text looks on a background with the YIQ color 61.4940, 42.5340, 77.2060.



This preview shows how white text looks on a background with the YIQ color 61.4940, 42.5340,

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

61.4940, 42.5340, 77.2060

Protanopia

68.6710, -79.0000, 11.0160

Deuteranopia

82.5450, -34.8470, 9.2890



Tritanopia

82.5720, 48.7800, 19.0520

Trichromacy



Original Color

61.4940, 42.5340, 77.2060



Protanomaly

66.2520, -34.4390, 34.9450



Deuteranomaly

75.1550, -6.4250, 33.8550



Tritanomaly

74.6760, 46.3920, 40.3120

Monochromacy



Original Color

61.4940, 42.5340, 77.2060



Achromatopsia

62.0000, -0.0000, -0.0000



Achromatomaly

61.6010, 15.4460, 28.4540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.4940, 42.5340, 77.2060 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(150, 0, 146)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 146)  
}
```

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(150, 0, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 146) }
```

Border

The CSS property to change the border of an element to YIQ 61.4940, 42.5340, 77.2060 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(150, 0, 146) }
```


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

```
.border{ border-color:rgb(150, 0, 146) }
```

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

Here you see how a box with a 4 pixel rgb(150, 0, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 146);  
box-shadow:4px 4px 4px 4px rgb(150, 0,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 61.4940, 42.5340, 77.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 146) }
```

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

```
.background{ background-color: rgb(150, 0,  
146) }
```

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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