

Converting Colors

YIQ(62.1670, 21.9460, 86.8900)

Have a look what the booklet for
YIQ(62.1670, 21.9460, 86.8900)
contains.

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Color

**YIQ(62.1670, 21.9460,
86.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	8900BA
RGB	137, 0, 186
RGB Percent	54%, 0%, 73%
CMY	0.4623, 1.0000, 0.2706
CMYK	0.26, 1.00, 0.00, 0.27
HSL	284°, 100%, 36%
HSV	284°, 100%, 73%
XYZ	19.1964, 8.8724, 47.1471
YIQ	62.1670, 21.9460, 86.8900

Conversions

Conversions Part 2

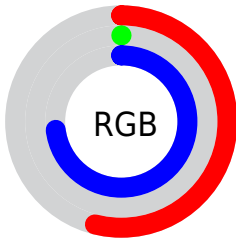
Format	Color
R_{YB}	137, 0, 186
Decimal	8978618
CIE _{Lab}	35.74, 70.35, -62.11
CIE _{LCh}	36, 93.842, 318.562
Yxy	8.8724, 0.2552, 0.1180
Android (android.graphics.Color)	4287168698 (0xFF8900BA)
YUV	62.1670, 61.0497, 65.6285
Hunter-Lab	29.7866, 62.9100, -72.9951

Details

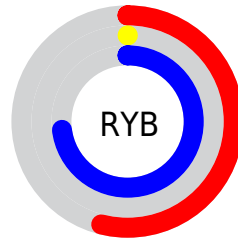
The YIQ color **62.1670, 21.9460, 86.8900** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **123.8330, -21.9460, -86.8900**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **131.7930, 16.7670, 76.1190**, and **38.6690, 4.7120, 57.8000** is the 20% darker color. If you saturate the color by 10%, you get **62.1670, 21.9460, 86.8900**, and if you desaturate by 10%, it is **74.8150, 19.7010, 78.0130**.

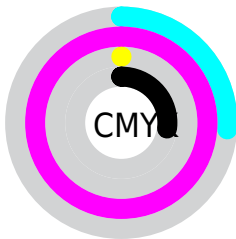
Distribution



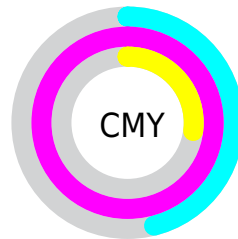
- Red (54%)
- Green (0%)
- Blue (73%)



- Red (54%)
- Yellow (0%)
- Blue (73%)



- Cyan (26%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)





- Cyan (46%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 62.1670, 21.9460, 86.8900 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 62.1670, 21.9460, 86.8900 by changing the saturation by 10% instead.


 62.1670, 21.9460,
86.8900


 62.1670, 21.9460,
86.8900


255.0000, -0.0000,
-0.0000


 50.3040, 13.6500,
72.0340


 131.7930, 16.7670,
76.1190


 38.9680, 5.3080,
58.0120


 159.1540, 22.8200,
71.0440


 26.9200, -3.9050,
43.2550


 184.5600, 33.0000,
62.7600

 14.2030, -15.5480,
28.4840

 201.5830, 25.0250,
47.5930

 6.3840, -17.9760,
17.4160

 218.6060, 17.0500,
32.4260


 5.0500, -11.4640,
9.5280

 235.6290, 9.0750,


 0.7980, -2.2470,


17.2590


2.1770


 253.2390, 0.8250,
1.5690


 0.0000, 0.0000,
0.0000


 62.1670, 21.9460,
86.8900

 74.8150, 19.7010,
78.0130

 86.8760, 17.7310,
69.6590

 99.5240, 15.4860,
60.7820

 111.5850, 13.5160,
52.4280

 124.2330, 11.2710,
43.5510

■ 136.5820, 8.4300,
34.4620

■ 148.6430, 6.4600,
26.1080

■ 161.2910, 4.2150,
17.2310

■ 173.3520, 2.2450,
8.8770

Harmonies

Analogous

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



73.2940, -96.1510, 30.0010



62.1670, 21.9460, 86.8900



71.5290, 78.9840, 77.4160

Triad

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



62.1670, 21.9460, 86.8900



79.6500, 56.1670, -10.2090



80.0910, -72.5760, -17.3120

Complementary

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



62.1670, 21.9460, 86.8900



123.8330, -21.9460, -86.8900

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.



69.7970, -46.3460, -41.1460



62.1670, 21.9460, 86.8900



72.8080, 7.8470, -37.6010

Square

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



62.1670, 21.9460, 86.8900



52.6240, 104.8960, 37.3120



61.6350, -28.8750, -54.9150



87.8430, -94.4040, 3.8360

Rectangle

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



62.1670, 21.9460, 86.8900



68.9330, 100.6730, 64.2970



61.6350, -28.8750, -54.9150



76.5400, -63.9550, -24.8750

Sweetspot

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



62.1670, 21.9460, 86.8900



194.0550, 8.4760, 33.6280



50.5540, -73.4560, 31.6960



92.8830, 5.5440, 20.6800



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



62.1670, 21.9460, 86.8900



81.1090, 29.0020, 113.2100



71.9160, 64.9530, 83.9050



85.8200, 0.6870, 4.0710



52.1690, 18.4640, 72.8960



9.4710, 3.5280, 13.1600

Inverse Universe

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



61.2000, 95.1270, 54.6710



79.6540, 123.6880, 71.2080



114.0840, -64.9530, -83.9050



85.9190, 4.7220, 2.5300



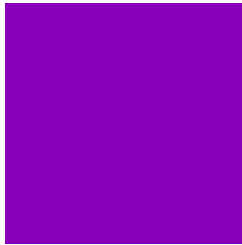
51.3180, 79.8150, 45.8230



9.1700, 14.4410, 8.1130

Previews

White Background



This preview shows how the YIQ color 62.1670, 21.9460, 86.8900 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

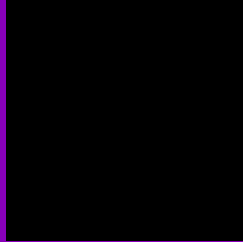
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.1670, 21.9460, 86.8900

Background



This preview shows how black text looks on a background with the YIQ color 62.1670, 21.9460, 86.8900.



This preview shows how white text looks on a background with the YIQ color 62.1670, 21.9460,

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

62.1670, 21.9460, 86.8900

Protanopia

69.3720, -79.5960, 10.8040

Deuteranopia

69.6850, -73.5880, 1.0360



Tritanopia

87.6230, 26.4070, 11.5190

Trichromacy



Original Color

62.1670, 21.9460, 86.8900



Protanomaly

66.5810, -42.5550, 38.8610



Deuteranomaly

67.2190, -38.8400, 32.1040



Tritanomaly

78.0140, 24.8890, 39.0410

Monochromacy



Original Color

62.1670, 21.9460, 86.8900



Achromatopsia

62.0000, -0.0000, -0.0000



Achromatomaly

61.7020, 7.9720, 31.7480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.1670, 21.9460, 86.8900 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(137, 0, 186)` looks like.

```
.text, #text, p{  
    color:rgb(137, 0, 186)  
}
```

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(137, 0, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 0, 186) }
```

Border

The CSS property to change the border of an element to YIQ 62.1670, 21.9460, 86.8900 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(137, 0, 186) }
```


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

```
.border{ border-color:rgb(137, 0, 186) }
```

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

Here you see how a box with a 4 pixel rgb(137, 0, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 0, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 0, 186);  
box-shadow:4px 4px 4px 4px rgb(137, 0,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 62.1670, 21.9460, 86.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 0, 186) }
```

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

```
.background{ background-color: rgb(137, 0,  
186) }
```

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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