

Converting Colors

YIQ(64.5400, 27.7250, 75.7650)

Have a look what the booklet for
YIQ(64.5400, 27.7250, 75.7650)
contains.

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Color

**YIQ(64.5400, 27.7250,
75.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	8A08A3
RGB	138, 8, 163
RGB Percent	54%, 3%, 64%
CMY	0.4584, 0.9688, 0.3608
CMYK	0.15, 0.95, 0.00, 0.36
HSL	290°, 91%, 34%
HSV	290°, 95%, 64%
XYZ	17.1952, 8.2288, 35.3312
YIQ	64.5400, 27.7250, 75.7650

Conversions

Conversions Part 2

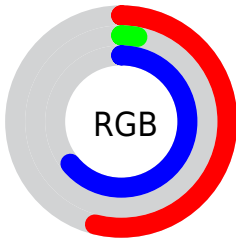
Format	Color
R_{YB}	138, 8, 163
Decimal	9046179
CIE _{Lab}	34.46, 65.31, -50.44
CIE _{LCh}	34, 82.521, 322.318
Yxy	8.2288, 0.2830, 0.1354
Android (android.graphics.Color)	4287236259 (0xFF8A08A3)
YUV	64.5400, 48.5408, 64.4244
Hunter-Lab	28.6860, 56.7979, -52.9446

Details

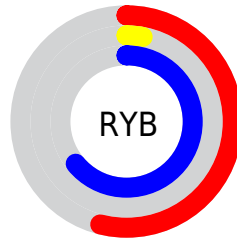
The YIQ color **64.5400, 27.7250, 75.7650** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **106.4600, -27.7250, -75.7650**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **129.6440, 24.1960, 68.1320**, and **37.0580, 13.5620, 51.5940** is the 20% darker color. If you saturate the color by 10%, you get **59.5450, 29.3290, 79.7370**, and if you desaturate by 10%, it is **74.8290, 25.1130, 68.0330**.

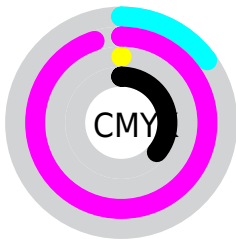
Distribution



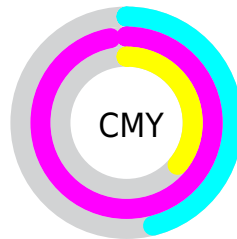
- Red (54%)
- Green (3%)
- Blue (64%)



- Red (54%)
- Yellow (3%)
- Blue (64%)



- Cyan (15%)
- Magenta (95%)
- Yellow (0%)
- Black (36%)




- Cyan (46%)
- Magenta (97%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 64.5400, 27.7250, 75.7650 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 64.5400, 27.7250, 75.7650 by changing the saturation by 10% instead.


 64.5400, 27.7250,
75.7650


 64.5400, 27.7250,
75.7650


255.0000, -0.0000,
-0.0000


 48.3940, 21.9040,
65.6160


 129.6440, 24.1960,
68.1320


 37.0580, 13.5620,
51.5940


 158.3560, 25.0670,
68.8670


 26.1350, 5.4950,
38.0950


 184.5600, 33.0000,
62.7600

 15.3260, -2.8930,
24.9070

 201.5830, 25.0250,
47.5930

 6.0930, -13.0230,
10.2490

 218.0190, 17.3250,
32.9490

 2.2970, -5.0900,
4.1420

 235.0420, 9.3500,

 0.0000, 0.0000,

17.7820

0.0000

252.6520, 1.1000,
2.0920

64.5400, 27.7250,
75.7650

64.5400, 27.7250,
75.7650

59.5450, 29.3290,
79.7370

74.8290, 25.1130,
68.0330

85.4060, 21.6300,
59.5660

95.6950, 19.0180,
51.8340

105.9840, 16.4060,
44.1020

115.9740, 13.1980,
36.1580

■ 126.8500, 10.3110,
27.9030

■ 136.8400, 7.1030,
19.9590

■ 147.1290, 4.4910,
12.2270

■ 158.0050, 1.6040,
3.9720

Harmonies

Analogous

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



65.7480, -85.9260, 26.4100



64.5400, 27.7250, 75.7650



65.9320, 76.0510, 69.9950

Triad

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



64.5400, 27.7250, 75.7650



76.9370, 47.8690, -14.0110



77.0420, -70.8800, -15.0080

Complementary

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



64.5400, 27.7250, 75.7650



106.4600, -27.7250, -75.7650

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.



68.0020, -48.1810, -35.4210



64.5400, 27.7250, 75.7650



68.9540, 4.5000, -37.5160

Square

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



64.5400, 27.7250, 75.7650



65.1510, 86.5140, 18.0180



58.7000, -27.5000, -52.3000



82.8390, -88.5810, 2.9310

Rectangle

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



64.5400, 27.7250, 75.7650



62.8240, 93.4300, 57.8940



58.7000, -27.5000, -52.3000



73.9470, -63.5430, -21.3270

Sweetspot

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



64.5400, 27.7250, 75.7650



172.6160, 11.0900, 30.3060



40.9320, -56.9050, 34.6070



83.4870, 6.5990, 18.0790



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



64.5400, 27.7250, 75.7650



77.3900, 38.0360, 103.6680



66.0870, 59.3170, 64.8930



76.1190, 1.2830, 4.2830



53.0080, 26.1670, 70.9590



6.5370, 3.1620, 8.7780

Inverse Universe

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



57.1950, 84.3550, 40.6350



67.2640, 115.4380, 55.5180



104.9130, -59.3170, -64.8930



75.9190, 4.7220, 2.5300



45.9770, 79.0370, 37.8930



5.7240, 9.7650, 4.7490

Previews

White Background



This preview shows how the YIQ color 64.5400, 27.7250, 75.7650 looks on a white background.

Color Contrast Check

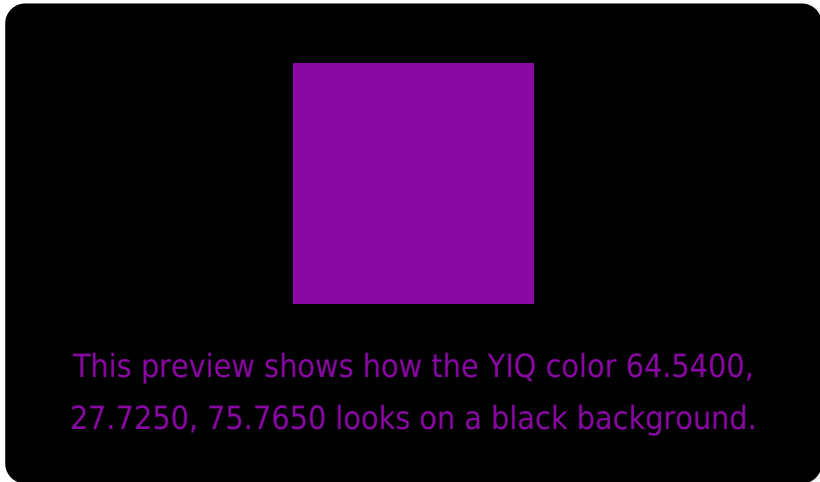
Large Text (above 18pt) WCAG AA ✓ Pass

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

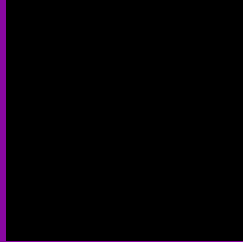
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.5400, 27.7250, 75.7650

Background



This preview shows how black text looks on a background with the YIQ color 64.5400, 27.7250, 75.7650.



This preview shows how white text looks on a background with the YIQ color 64.5400, 27.7250,

75.7650.

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

64.5400, 27.7250, 75.7650

Protanopia

66.2260, -76.2490, 10.7190

Deuteranopia

66.8810, -71.2040, 1.8840



Tritanopia

83.1080, 35.3470, 14.6990

Trichromacy



Original Color

64.5400, 27.7250, 75.7650

Protanomaly

65.6860, -38.6570, 34.2950

Deuteranomaly

65.9650, -35.3090, 28.6830

Tritanomaly

76.4400, 32.3170, 36.5810

Monochromacy



Original Color

64.5400, 27.7250, 75.7650

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.8500, 10.3110, 27.9030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.5400, 27.7250, 75.7650 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(138, 8, 163)` looks like.

```
.text, #text, p{  
    color:rgb(138, 8, 163)  
}
```

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(138, 8, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 8, 163) }
```

Border

The CSS property to change the border of an element to YIQ 64.5400, 27.7250, 75.7650 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(138, 8, 163) }
```


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

```
.border{ border-color:rgb(138, 8, 163) }
```

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

Here you see how a box with a 4 pixel rgb(138, 8, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 8, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 8, 163);  
box-shadow:4px 4px 4px 4px rgb(138, 8,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 64.5400, 27.7250, 75.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 8, 163) }
```

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

```
.background{ background-color: rgb(138, 8,  
163) }
```

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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