

Converting Colors

YIQ(89.6760, 3.9750, 76.6710)

Have a look what the booklet for
YIQ(89.6760, 3.9750, 76.6710)
contains.

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Color

**YIQ(89.6760, 3.9750,
76.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	8D27D8
RGB	141, 39, 216
RGB Percent	55%, 15%, 85%
CMY	0.4467, 0.8472, 0.1531
CMYK	0.35, 0.82, 0.00, 0.15
HSL	275°, 69%, 50%
HSV	275°, 82%, 85%
XYZ	24.1146, 12.0751, 66.0045
YIQ	89.6760, 3.9750, 76.6710

Conversions

Conversions Part 2

Format	Color
R_{YB}	141, 39, 216
Decimal	9250776
CIE _{Lab}	41.34, 69.40, -70.41
CIE _{LCh}	41, 98.862, 314.584
Yxy	12.0751, 0.2360, 0.1182
Android (android.graphics.Color)	4287440856 (0xFF8D27D8)
YUV	89.6760, 62.2777, 45.0111
Hunter-Lab	34.7493, 63.0605, -88.2939

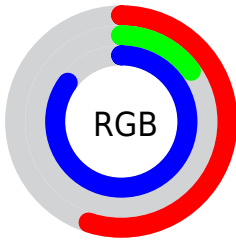
Details

The YIQ color **89.6760, 3.9750, 76.6710** is a dark color, and the websafe version is hex **9900CC**.

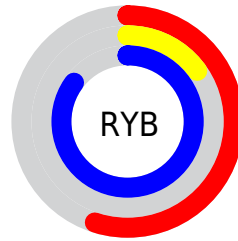
The color can be described as dark washed purple. A complement of this color would be **165.3240, -3.9750, -76.6710**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.3960, 10.3950, 70.4510**, and **42.7580, -2.4880, 67.1440** is the 20% darker color. If you saturate the color by 10%, you get **74.0710, 4.6610, 86.2690**, and if you desaturate by 10%, it is **105.2810, 3.2890, 67.0730**.

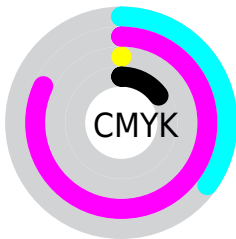
Distribution



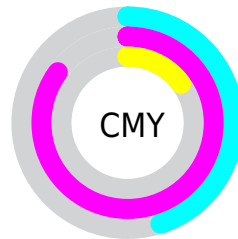
- Red (55%)
- Green (15%)
- Blue (85%)



- Red (55%)
- Yellow (15%)
- Blue (85%)



- Cyan (35%)
- Magenta (82%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 89.6760, 3.9750, 76.6710 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 89.6760, 3.9750, 76.6710 by changing the saturation by 10% instead.


 89.6760, 3.9750,
76.6710


 89.6760, 3.9750,
76.6710


255.0000, -0.0000,
-0.0000


 54.9200, 6.4040,
82.2120


 146.3960, 10.3950,
70.4510


 42.7580, -2.4880,
67.1440


 172.1010, 21.1710,
62.3790


 30.1120, -12.8930,
51.9630


 195.7130, 27.7750,
52.8230

 15.1880, -28.3870,
35.3970

 212.7360, 19.8000,
37.6560

 9.2340, -26.0010,
25.1910

 229.1720, 12.1000,
23.0120

 9.4330, -19.6720,
15.1120

 246.7820, 3.8500,

 5.1640, -11.7850,

7.3220

9.8390

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 89.6760, 3.9750,
76.6710

■ 89.6760, 3.9750,
76.6710

■ 74.0710, 4.6610,
86.2690

■ 105.2810, 3.2890,
67.0730

■ 61.9990, 5.1640,
93.6760

■ 120.2990, 2.8780,
57.9980

■ 136.2030, 2.7880,
48.6120

■ 151.2210, 2.3770,
39.5370

■ 166.8260, 1.6910,
29.9390

■ 182.4310, 1.0050,
20.3410

■ 197.4490, 0.5940,
11.2660

■ 213.0540, -0.0920,
1.6680

■ 228.0720, -0.5030,
-7.4070

Harmonies

Analogous

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



86.0090, -108.5300, 28.5740



89.6760, 3.9750, 76.6710



80.2880, 81.6410, 89.8410

Triad

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



89.6760, 3.9750, 76.6710



91.5330, 69.7380, -8.3580



90.1670, -78.9020, -23.8140

Complementary

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



89.6760, 3.9750, 76.6710



165.3240, -3.9750, -76.6710

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.



78.4880, -50.1500, -49.3020



89.6760, 3.9750, 76.6710



87.3270, 19.4470, -38.5770

Square

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



89.6760, 3.9750, 76.6710



60.9960, 121.5840, 43.2480



69.8530, -32.7250, -62.2370



98.8310, -103.2980, -0.1780

Rectangle

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



89.6760, 3.9750, 76.6710



78.7310, 107.5940, 76.5380



69.8530, -32.7250, -62.2370



86.3880, -69.6390, -31.9990

Sweetspot

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



89.6760, 3.9750, 76.6710



209.3590, 1.5080, 27.7480



104.3770, -77.9920, 14.7760



100.0240, 0.5930, 16.7930



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



89.6760, 3.9750, 76.6710



76.5560, 5.5740, 108.2780



110.7330, 52.5270, 88.8390



99.3470, 0.6410, 4.9050



49.0950, 4.1130, 74.1690



12.3770, 1.0970, 18.6730

Inverse Universe

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



100.4730, 81.4170, 60.8490



91.8340, 114.9740, 85.9660



144.2670, -52.5270, -88.8390



99.8590, 4.9510, 3.8870



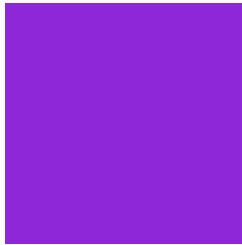
59.3370, 78.8040, 58.6440



14.9090, 19.8500, 14.7140

Previews

White Background



This preview shows how the YIQ color 89.6760, 3.9750, 76.6710 looks on a white background.

Color Contrast Check

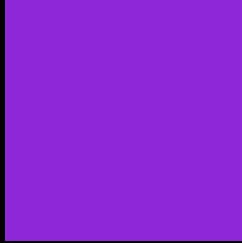
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 89.6760, 3.9750, 76.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

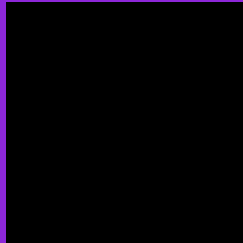
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.6760, 3.9750, 76.6710

Background



This preview shows how black text looks on a background with the YIQ color 89.6760, 3.9750, 76.6710.



This preview shows how white text looks on a background with the YIQ color 89.6760, 3.9750,

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

89.6760, 3.9750, 76.6710

Protanopia

78.4510, -90.0040, 12.2040

Deuteranopia

78.4220, -83.0330, 1.5030



Tritanopia

99.1700, 14.4410, 8.1130

Trichromacy



Original Color

89.6760, 3.9750, 76.6710



Protanomaly

82.6440, -56.0340, 35.3420



Deuteranomaly

82.5810, -51.7230, 28.7970



Tritanomaly

95.3110, 10.6310, 33.1190

Monochromacy



Original Color

89.6760, 3.9750, 76.6710



Achromatopsia

90.0000, -0.0000, -0.0000



Achromatomaly

89.7720, 1.7830, 28.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.6760, 3.9750, 76.6710 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, 39, 216)` looks like.

```
.text, #text, p{  
    color:rgb(141, 39, 216)  
}
```

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, 39, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 39, 216) }
```

Border

The CSS property to change the border of an element to YIQ 89.6760, 3.9750, 76.6710 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, 39, 216) }
```


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

```
.border{ border-color:rgb(141, 39, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 39, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 39, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 39, 216);  
box-shadow:4px 4px 4px 4px rgb(141, 39,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 89.6760, 3.9750, 76.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 39, 216) }
```

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

```
.background{ background-color: rgb(141, 39,  
216) }
```

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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