

Converting Colors

YIQ(68.7750, 26.3460, 95.2580)

Have a look what the booklet for
YIQ(68.7750, 26.3460, 95.2580)
contains.

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Color

**YIQ(68.7750, 26.3460,
95.2580)**

Conversions

Conversions Part 1

Format	Color
Hex	9900CA
RGB	153, 0, 202
RGB Percent	60%, 0%, 79%
CMY	0.3995, 1.0000, 0.2079
CMYK	0.24, 1.00, 0.00, 0.21
HSL	285°, 100%, 40%
HSV	285°, 100%, 79%
XYZ	23.8196, 11.0481, 56.7460
YIQ	68.7750, 26.3460, 95.2580

Conversions

Conversions Part 2

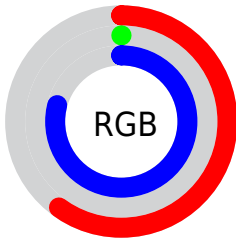
Format	Color
RYB	153, 0, 202
Decimal	10027210
CIELab	39.66, 75.32, -64.98
CIElCh	40, 99.474, 319.213
Yxy	11.0481, 0.2600, 0.1206
Android (android.graphics.Color)	4288217290 (0xFF9900CA)
YUV	68.7750, 65.6799, 73.8653
Hunter-Lab	33.2387, 69.7492, -77.9544

Details

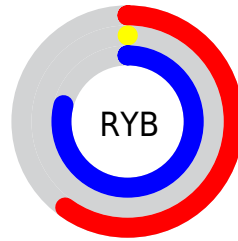
The YIQ color **68.7750, 26.3460, 95.2580** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **133.2250, -26.3460, -95.2580**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1790, 21.6720, 80.8400**, and **45.1630, 9.4330, 65.8570** is the 20% darker color. If you saturate the color by 10%, you get **68.7750, 26.3460, 95.2580**, and if you desaturate by 10%, it is **82.0100, 23.8260, 85.8580**.

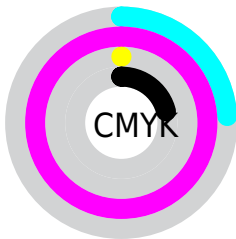
Distribution



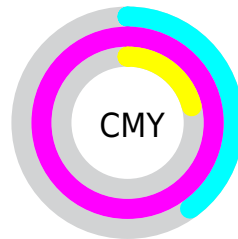
- Red (60%)
- Green (0%)
- Blue (79%)



- Red (60%)
- Yellow (0%)
- Blue (79%)



- Cyan (24%)
- Magenta (100%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (100%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.7750, 26.3460, 95.2580 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 68.7750, 26.3460, 95.2580 by changing the saturation by 10% instead.

68.7750, 26.3460,
95.2580

68.7750, 26.3460,
95.2580

255.0000, -0.0000,
-0.0000

56.9120, 18.0500,
80.4020

141.1790, 21.6720,
80.8400

45.1630, 9.4330,
65.8570

167.4710, 32.1730,
72.2450

33.1150, 0.2200,
51.1000

188.0820, 31.3500,
59.6220

22.1920, -7.8470,
37.6010

205.1050, 23.3750,
44.4550

7.9800, -22.4700,
21.7700

222.1280, 15.4000,
29.2880

7.5920, -15.8660,
12.2140

239.7380, 7.1500,

3.3230, -7.9790,

13.5980

6.9410

■ 0.0000, 0.0000,
0.0000

■ 68.7750, 26.3460,
95.2580

■ 82.0100, 23.8260,
85.8580

■ 95.2450, 21.3060,
76.4580

■ 109.0670, 18.5110,
66.5350

■ 122.3020, 15.9910,
57.1350

■ 135.5370, 13.4710,
47.7350

■ 148.4730, 10.3550,
38.1230

■ 161.7080, 7.8350,
28.7230

■ 175.5300, 5.0400,
18.8000

■ 188.7650, 2.5200,
9.4000

Harmonies

Analogous

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



80.3840, -105.0920, 32.3480



68.7750, 26.3460, 95.2580



78.6490, 87.6940, 84.7660

Triad

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



68.7750, 26.3460, 95.2580



88.2220, 60.2480, -12.5840



88.8450, -80.6910, -18.9230

Complementary

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



68.7750, 26.3460, 95.2580



133.2250, -26.3460, -95.2580

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.



77.2800, -52.2600, -44.1000



68.7750, 26.3460, 95.2580



80.4720, 8.6730, -41.5590

Square

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



68.7750, 26.3460, 95.2580



57.4080, 114.4320, 40.7040



68.0920, -31.9000, -60.6680



96.4660, -103.5280, 3.9920

Rectangle

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



68.7750, 26.3460, 95.2580



75.4120, 109.7500, 70.5020



68.0920, -31.9000, -60.6680



85.0660, -71.4280, -27.1080

Sweetspot

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



68.7750, 26.3460, 95.2580



204.7070, 9.5760, 35.7200



52.9650, -78.8670, 36.1490



97.4100, 5.4980, 21.5140



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.



68.7750, 26.3460, 95.2580



86.7770, 33.1730, 120.2210



77.6120, 71.9210, 89.7850



95.5320, 1.5580, 4.8060



56.5980, 21.8100, 78.3380



13.0030, 5.0860, 17.9660

Inverse Universe

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



65.9840, 104.6630, 58.0630



83.3130, 132.0780, 73.3420



124.3880, -71.9210, -89.7850



95.2180, 5.3180, 2.7420



54.1940, 86.0960, 47.6320



12.3880, 19.7590, 10.8550

Previews

White Background



This preview shows how the YIQ color 68.7750, 26.3460, 95.2580 looks on a white background.

Color Contrast Check

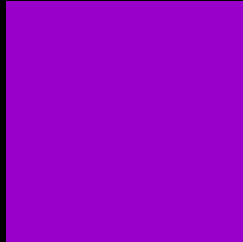
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.7750, 26.3460, 95.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

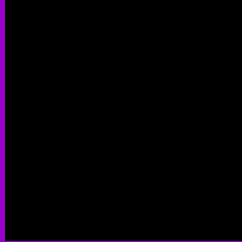
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 68.7750, 26.3460, 95.2580

Background



This preview shows how black text looks on a background with the YIQ color 68.7750, 26.3460, 95.2580.



This preview shows how white text looks on a background with the YIQ color 68.7750, 26.3460,

95.2580.

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

68.7750, 26.3460, 95.2580

Protanopia

76.2340, -87.8950, 12.5290

Deuteranopia

76.9060, -81.5200, 1.6160



Tritanopia

96.4280, 31.4500, 13.7380

Trichromacy



Original Color

68.7750, 26.3460, 95.2580



Protanomaly

73.9490, -46.4070, 42.5930



Deuteranomaly

73.8860, -42.0960, 36.0480



Tritanomaly

86.4000, 29.7940, 43.7620

Monochromacy



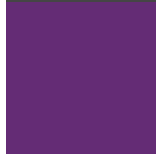
Original Color

68.7750, 26.3460, 95.2580



Achromatopsia

69.0000, -0.0000, -0.0000



Achromatomaly

69.0660, 9.9430, 34.5750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.7750, 26.3460, 95.2580 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(153, 0, 202)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 202)  
}
```

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(153, 0, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 202) }
```

Border

The CSS property to change the border of an element to YIQ 68.7750, 26.3460, 95.2580 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(153, 0, 202) }
```


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

```
.border{ border-color:rgb(153, 0, 202) }
```

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

Here you see how a box with a 4 pixel rgb(153, 0, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 202);  
box-shadow:4px 4px 4px 4px rgb(153, 0,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 68.7750, 26.3460, 95.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 202) }
```

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

```
.background{ background-color: rgb(153, 0,  
202) }
```

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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