

Converting Colors

YIQ(75.2710, 27.5850, 89.3210)

Have a look what the booklet for
YIQ(75.2710, 27.5850, 89.3210)
contains.

| | |
|--|----|
| YIQ(75.2710, 27.5850, 89.3210) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(75.2710, 27.5850,
89.3210)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9D0AC5 |
| RGB | 157, 10, 197 |
| RGB Percent | 62%, 4%, 77% |
| CMY | 0.3838, 0.9610, 0.2275 |
| CMYK | 0.20, 0.95, 0.00, 0.23 |
| HSL | 287°, 90%, 41% |
| HSV | 287°, 95%, 77% |
| XYZ | 24.1127, 11.4266, 53.7526 |
| YIQ | 75.2710, 27.5850, 89.3210 |

Conversions

Conversions Part 2

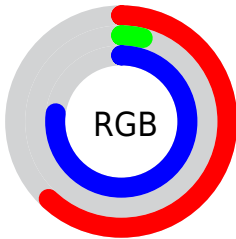
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 157, 10, 197 |
| Decimal | 10291909 |
| CIE Lab | 40.29, 73.89, -61.02 |
| CIE LCh | 40, 95.830, 320.453 |
| Yxy | 11.4266, 0.2700, 0.1280 |
| Android (android.graphics.Color) | 4288481989 (0xFF9D0AC5) |
| YUV | 75.2710, 60.0124, 71.6763 |
| Hunter-Lab | 33.8033, 68.1727, -70.6182 |

Details

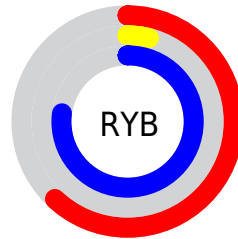
The YIQ color **75.2710, 27.5850, 89.3210** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **131.7290, -27.5850, -89.3210**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.1360, 23.2310, 80.1190**, and **45.7890, 13.4220, 65.1500** is the 20% darker color. If you saturate the color by 10%, you get **68.8030, 29.1430, 94.1270**, and if you desaturate by 10%, it is **88.2070, 24.4690, 79.7090**.

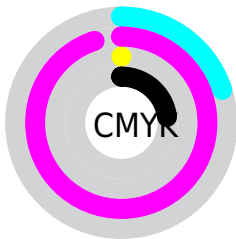
Distribution



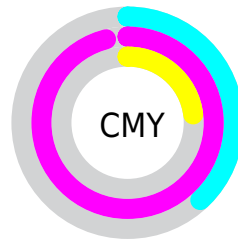
- Red (62%)
- Green (4%)
- Blue (77%)



- Red (62%)
- Yellow (4%)
- Blue (77%)



- Cyan (20%)
- Magenta (95%)
- Yellow (0%)
- Black (23%)



- Cyan (38%)
- Magenta (96%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.2710, 27.5850, 89.3210 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 75.2710, 27.5850, 89.3210 by changing the saturation by 10% instead.

75.2710, 27.5850,
89.3210

75.2710, 27.5850,
89.3210

255.0000, -0.0000,
-0.0000

57.5380, 22.0390,
79.6950

144.1360, 23.2310,
80.1190

45.7890, 13.4220,
65.1500

170.1290, 33.1360,
71.3120

34.4530, 5.0800,
51.1280

189.8430, 30.5250,
58.0530

23.4160, -2.6660,
37.3180

206.8660, 22.5500,
42.8860

7.8230, -20.5900,
20.7380

223.8890, 14.5750,
27.7190

6.5490, -14.3070,
11.4930

240.9120, 6.6000,

2.8670, -6.6950,

12.5520

5.6970

■ 0.0000, 0.0000,
0.0000

■ 75.2710, 27.5850,
89.3210

■ 75.2710, 27.5850,
89.3210

■ 68.8030, 29.1430,
94.1270

■ 88.2070, 24.4690,
79.7090

■ 100.8550, 22.2240,
70.8320

■ 113.7910, 19.1080,
61.2200

■ 126.7270, 15.9920,
51.6080

■ 139.0760, 13.1510,
42.5190

■ 152.0120, 10.0350,
32.9070

■ 165.2470, 7.5150,
23.5070

■ 178.1830, 4.3990,
13.8950

■ 190.5320, 1.5580,
4.8060

Harmonies

Analogous

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



79.1130, -102.8910, 31.0050



75.2710, 27.5850, 89.3210



78.1220, 87.7400, 83.9320

Triad

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



75.2710, 27.5850, 89.3210



89.6840, 58.8270, -14.3650



89.6600, -81.6080, -18.8240

Complementary

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



75.2710, 27.5850, 89.3210



131.7290, -27.5850, -89.3210

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.



79.1380, -54.7360, -43.2800



75.2710, 27.5850, 89.3210



81.6460, 8.1230, -42.6050

Square

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



75.2710, 27.5850, 89.3210



69.7240, 107.1900, 28.7740



68.6790, -32.1750, -61.1910



97.0530, -103.8030, 3.4690

Rectangle

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



75.2710, 27.5850, 89.3210



74.5860, 109.2000, 69.4560



68.6790, -32.1750, -61.1910



86.1090, -72.9870, -26.3870

Sweetspot

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



75.2710, 27.5850, 89.3210



208.8380, 10.5850, 33.9530



54.7980, -71.0270, 37.2370



99.1820, 6.1400, 20.8920



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.



75.2710, 27.5850, 89.3210



89.1690, 37.9410, 121.9170



81.1890, 68.4380, 81.3180



93.1190, 1.2830, 4.2830



56.8540, 23.9650, 77.8290



12.4760, 5.1320, 17.1320

Inverse Universe

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



70.4730, 98.6120, 52.0840



82.4010, 134.6460, 70.8540



125.8110, -68.4380, -81.3180



92.9190, 4.7220, 2.5300



52.7270, 85.9130, 45.4410



11.6760, 18.8880, 10.1200

Previews

White Background



This preview shows how the YIQ color 75.2710, 27.5850, 89.3210 looks on a white background.

Color Contrast Check

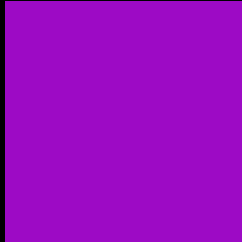
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.2710, 27.5850, 89.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

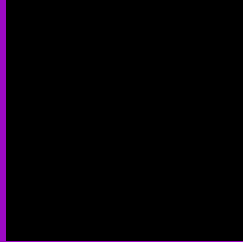
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.2710, 27.5850, 89.3210

Background



This preview shows how black text looks on a background with the YIQ color 75.2710, 27.5850, 89.3210.



This preview shows how white text looks on a background with the YIQ color 75.2710, 27.5850,

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

75.2710, 27.5850, 89.3210

Protanopia

77.0490, -88.8120, 12.6280

Deuteranopia

77.7210, -82.4370, 1.7150



Tritanopia

96.8200, 36.2180, 15.4340

Trichromacy



Original Color

75.2710, 27.5850, 89.3210

Protanomaly

76.4820, -46.5900, 40.4020

Deuteranomaly

77.0060, -42.5540, 33.3340

Tritanomaly

89.2000, 33.2330, 42.0090

Monochromacy



Original Color

75.2710, 27.5850, 89.3210

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8980, 10.3560, 32.5960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.2710, 27.5850, 89.3210 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(157, 10, 197)` looks like.

```
.text, #text, p{  
    color:rgb(157, 10, 197)  
}
```

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(157, 10, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 10, 197) }
```

Border

The CSS property to change the border of an element to YIQ 75.2710, 27.5850, 89.3210 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(157, 10, 197) }
```


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

```
.border{ border-color:rgb(157, 10, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 10, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 10, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 10, 197);  
box-shadow:4px 4px 4px 4px rgb(157, 10,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 75.2710, 27.5850, 89.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 10, 197) }
```

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

```
.background{ background-color: rgb(157, 10,  
197) }
```

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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