

Converting Colors

YIQ(90.9430, 7.5970, 77.1090)

Have a look what the booklet for
YIQ(90.9430, 7.5970, 77.1090)
contains.

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Color

**YIQ(90.9430, 7.5970,
77.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	9227D6
RGB	146, 39, 214
RGB Percent	57%, 15%, 84%
CMY	0.4271, 0.8472, 0.1609
CMYK	0.32, 0.82, 0.00, 0.16
HSL	277°, 69%, 50%
HSV	277°, 82%, 84%
XYZ	24.7288, 12.4213, 64.6945
YIQ	90.9430, 7.5970, 77.1090

Conversions

Conversions Part 2

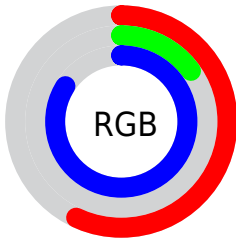
Format	Color
R_{YB}	146, 39, 214
Decimal	9578454
CIE _{Lab}	41.88, 69.72, -68.35
CIE _{LCh}	42, 97.636, 315.570
Yxy	12.4213, 0.2428, 0.1220
Android (android.graphics.Color)	4287768534 (0xFF9227D6)
YUV	90.9430, 60.6671, 48.2850
Hunter-Lab	35.2438, 63.5675, -84.1637

Details

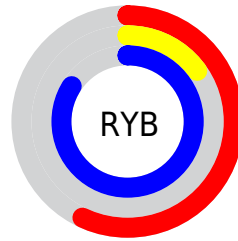
The YIQ color **90.9430, 7.5970, 77.1090** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **162.0570, -7.5970, -77.1090**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.4780, 13.1000, 70.9880**, and **44.0250, 1.1340, 67.5820** is the 20% darker color. If you saturate the color by 10%, you get **76.2240, 8.6040, 86.3960**, and if you desaturate by 10%, it is **105.6620, 6.5900, 67.8220**.

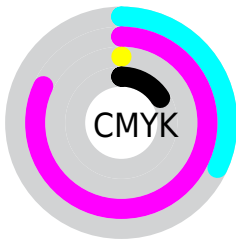
Distribution



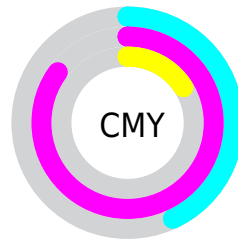
- Red (57%)
- Green (15%)
- Blue (84%)



- Red (57%)
- Yellow (15%)
- Blue (84%)



- Cyan (32%)
- Magenta (82%)
- Yellow (0%)
- Black (16%)



- Cyan (43%)
- Magenta (85%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.9430, 7.5970, 77.1090 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 90.9430, 7.5970, 77.1090 by changing the saturation by 10% instead.

90.9430, 7.5970,
77.1090

90.9430, 7.5970,
77.1090

255.0000, -0.0000,
-0.0000

56.1870, 10.0260,
82.6500

148.4780, 13.1000,
70.9880

44.0250, 1.1340,
67.5820

173.8840, 23.2800,
62.7040

31.9770, -8.0790,
52.8250

196.3000, 27.5000,
52.3000

18.8470, -19.9970,
37.5310

212.7360, 19.8000,
37.6560

9.1200, -25.6800,
24.8800

229.7590, 11.8250,
22.4890

9.3190, -19.3510,
14.8010

247.3690, 3.5750,

4.9360, -11.1430,

6.7990

9.2170

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 90.9430, 7.5970,
77.1090

■ 90.9430, 7.5970,
77.1090

■ 76.2240, 8.6040,
86.3960

■ 105.6620, 6.5900,
67.8220

■ 63.5650, 9.3820,
94.3260

■ 121.2670, 5.9040,
58.2240

■ 135.9860, 4.8970,
48.9370

■ 151.2920, 3.6150,
39.1270

■ 166.3100, 3.2040,
30.0520

■ 181.0290, 2.1970,
20.7650

■ 196.3350, 0.9150,
10.9550

■ 211.0540, -0.0920,
1.6680

■ 226.6590, -0.7780,
-7.9300

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



90.9430, 7.5970, 77.1090



80.3590, 82.8790, 89.4310

Triad

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



90.9430, 7.5970, 77.1090



92.9950, 68.3170, -10.1390



91.0960, -80.1400, -23.4040

Complementary

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



90.9430, 7.5970, 77.1090



162.0570, -7.5970, -77.1090

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.



80.2320, -52.3050, -48.7930



90.9430, 7.5970, 77.1090



87.6150, 18.5760, -39.3120

Square

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



90.9430, 7.5970, 77.1090



60.6970, 120.9880, 43.0360



71.0270, -33.2750, -63.2830



99.6460, -104.2150, -0.0790

Rectangle

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



90.9430, 7.5970, 77.1090



78.5030, 108.2360, 75.9160



71.0270, -33.2750, -63.2830



88.0180, -71.4730, -31.8010

Sweetspot

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



90.9430, 7.5970, 77.1090



209.9570, 2.7000, 28.1720



100.0400, -75.4250, 17.8150



100.6220, 1.7850, 17.2170



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.



90.9430, 7.5970, 77.1090



79.2470, 10.9380, 110.1860



109.2230, 53.9030, 85.9270



99.3470, 0.6410, 4.9050



50.8890, 7.6890, 75.4410



12.9750, 2.2890, 19.0970

Inverse Universe

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



99.0770, 82.4720, 58.2480



90.8080, 117.8630, 83.1670



143.6630, -53.5820, -86.2380



99.8590, 4.9510, 3.8870



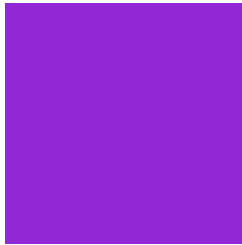
58.6530, 80.7300, 56.7780



14.7950, 20.1710, 14.4030

Previews

White Background



This preview shows how the YIQ color 90.9430, 7.5970, 77.1090 looks on a white background.

Color Contrast Check

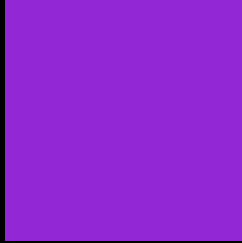
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.9430, 7.5970, 77.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

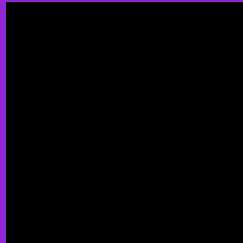
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.9430, 7.5970, 77.1090

Background



This preview shows how black text looks on a background with the YIQ color 90.9430, 7.5970, 77.1090.



This preview shows how white text looks on a background with the YIQ color 90.9430, 7.5970,

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

90.9430, 7.5970, 77.1090

Protanopia

79.3800, -91.2420, 12.6140

Deuteranopia

79.9380, -84.5460, 1.3900



Tritanopia

100.5620, 19.2090, 9.8090

Trichromacy



Original Color

90.9430, 7.5970, 77.1090



Protanomaly

83.3560, -55.1630, 36.0770



Deuteranomaly

83.8800, -51.1270, 29.0090



Tritanomaly

97.2900, 15.1240, 34.2920

Monochromacy



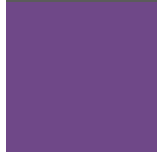
Original Color

90.9430, 7.5970, 77.1090



Achromatopsia

91.0000, -0.0000, -0.0000



Achromatomaly

90.9570, 2.7000, 28.1720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.9430, 7.5970, 77.1090 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(146, 39, 214)` looks like.

```
.text, #text, p{  
    color:rgb(146, 39, 214)  
}
```

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(146, 39, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 39, 214) }
```

Border

The CSS property to change the border of an element to YIQ 90.9430, 7.5970, 77.1090 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(146, 39, 214) }
```


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

```
.border{ border-color:rgb(146, 39, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 39, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 39, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 39, 214);  
box-shadow:4px 4px 4px 4px rgb(146, 39,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 90.9430, 7.5970, 77.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 39, 214) }
```

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

```
.background{ background-color: rgb(146, 39,  
214) }
```

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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