

Converting Colors

YIQ(78.5030, 13.0930, 109.6770)

Have a look what the booklet for
YIQ(78.5030, 13.0930, 109.6770)
contains.

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Color

**YIQ(78.5030, 13.0930,
109.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	9F04FB
RGB	159, 4, 251
RGB Percent	62%, 2%, 98%
CMY	0.3759, 0.9846, 0.0158
CMYK	0.37, 0.98, 0.00, 0.02
HSL	278°, 97%, 50%
HSV	278°, 98%, 98%
XYZ	31.7742, 14.4328, 92.3485
YIQ	78.5030, 13.0930, 109.6770

Conversions

Conversions Part 2

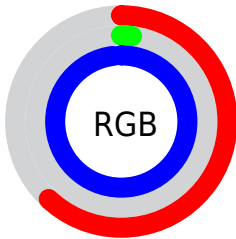
Format	Color
RYB	159, 4, 251
Decimal	10421499
CIELab	44.85, 84.74, -84.41
CIELCh	45, 119.607, 315.114
Yxy	14.4328, 0.2293, 0.1042
Android (android.graphics.Color)	4288611579 (0xFF9F04FB)
YUV	78.5030, 85.0410, 70.5959
Hunter-Lab	37.9905, 82.8091, -117.5307

Details

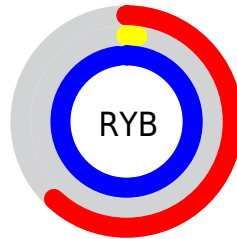
The YIQ color **78.5030, 13.0930, 109.6770** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **176.4970, -13.0930, -109.6770**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.3920, 25.3860, 79.6100**, and **50.7060, -4.7370, 80.3750** is the 20% darker color. If you saturate the color by 10%, you get **75.8560, 13.5970, 111.5570**, and if you desaturate by 10%, it is **95.8690, 11.5820, 98.5100**.

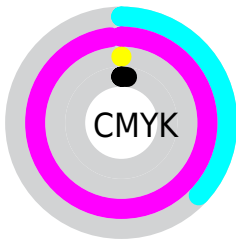
Distribution



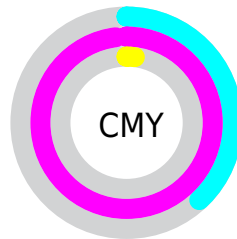
- Red (62%)
- Green (2%)
- Blue (98%)



- Red (62%)
- Yellow (2%)
- Blue (98%)



- Cyan (37%)
- Magenta (98%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (98%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.5030, 13.0930, 109.6770 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 78.5030, 13.0930, 109.6770 by changing the saturation by 10% instead.

78.5030, 13.0930,
109.6770

78.5030, 13.0930,
109.6770

255.0000, -0.0000,
-0.0000

63.5800, 5.0260,
96.1780

147.3920, 25.3860,
79.6100

50.7060, -4.7370,
80.3750

174.2710, 35.6120,
70.4920

37.3480, -16.0130,
64.4590

192.1910, 29.4250,
55.9610

20.1030, -35.0370,
45.7870

209.8010, 21.1750,
40.2710

12.6540, -35.6310,
34.5210

226.8240, 13.2000,
25.1040

9.6900, -27.2850,
26.4350

244.4340, 4.9500,

10.4760, -21.2310,

9.4140

15.8330

■ 6.0930, -13.0230,
10.2490

■ 2.2970, -5.0900,
4.1420

■ 78.5030, 13.0930,
109.6770

■ 78.5030, 13.0930,
109.6770

■ 75.8560, 13.5970,
111.5570

■ 95.8690, 11.5820,
98.5100

■ 113.5340, 10.6670,
87.5550

■ 130.9000, 9.1560,
76.3880

■ 148.2660, 7.6450,
65.2210

■ 165.9310, 6.7300,
54.2660

■ 183.8840, 4.9440,
42.5760

■ 201.2500, 3.4330,
31.4090

■ 218.9150, 2.5180,
20.4540

■ 236.2810, 1.0070,
9.2870

Harmonies

Analogous

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



91.2920, -111.0050, 23.8670



78.5030, 13.0930, 109.6770



92.3920, 96.4480, 102.3360

Triad

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



78.5030, 13.0930, 109.6770



98.6650, 78.1740, -7.0580



99.9640, -88.5760, -24.7040

Complementary

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



78.5030, 13.0930, 109.6770



176.4970, -13.0930, -109.6770

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.



86.0050, -53.4040, -56.4120



78.5030, 13.0930, 109.6770



93.4850, 15.8260, -44.5420

Square

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



78.5030, 13.0930, 109.6770



69.3680, 138.2720, 49.1840



77.4840, -36.3000, -69.0360



111.2670, -119.0250, 4.0070

Rectangle

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



78.5030, 13.0930, 109.6770



87.0750, 121.4850, 83.6050



77.4840, -36.3000, -69.0360



95.5010, -77.3870, -34.7550

Sweetspot

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



78.5030, 13.0930, 109.6770



202.0160, 4.2120, 33.8120



87.9230, -105.4120, 27.1320



95.6160, 1.9220, 20.2420



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.



78.5030, 13.0930, 109.6770



76.9100, 13.5050, 113.2250



102.7050, 77.2340, 120.1620



115.8740, 0.5950, 5.7390



57.1270, 10.2550, 84.0070



18.3160, 3.0670, 27.0270

Inverse Universe

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



88.3410, 117.6800, 80.9760



87.0750, 121.4850, 83.6050



152.2950, -77.2340, -120.1620



116.4570, 6.1430, 4.3110



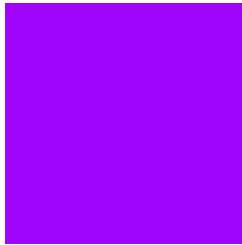
64.4910, 90.1740, 61.8380



20.8610, 28.9730, 20.0850

Previews

White Background



This preview shows how the YIQ color 78.5030, 13.0930, 109.6770 looks on a white background.

Color Contrast Check

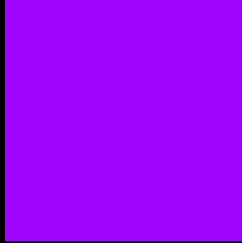
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.5030, 13.0930, 109.6770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

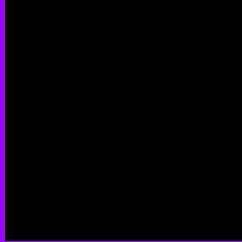
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.5030, 13.0930, 109.6770

Background



This preview shows how black text looks on a background with the YIQ color 78.5030, 13.0930, 109.6770.



This preview shows how white text looks on a background with the YIQ color 78.5030, 13.0930,

109.6770.

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

78.5030, 13.0930, 109.6770

Protanopia

85.9000, -98.5780, 13.4060

Deuteranopia

86.0020, -90.5980, 0.9380



Tritanopia

108.7790, 17.1000, 9.4840

Trichromacy



Original Color

78.5030, 13.0930, 109.6770



Protanomaly

83.4780, -57.9620, 48.2620



Deuteranomaly

83.0730, -52.6880, 40.7840



Tritanomaly

97.8530, 15.3970, 45.8690

Monochromacy



Original Color

78.5030, 13.0930, 109.6770



Achromatopsia

79.0000, -0.0000, 0.0000



Achromatomaly

79.0040, 4.4860, 39.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.5030, 13.0930, 109.6770 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(159, 4, 251)` looks like.

```
.text, #text, p{  
    color:rgb(159, 4, 251)  
}
```

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(159, 4, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 4, 251) }
```

Border

The CSS property to change the border of an element to YIQ 78.5030, 13.0930, 109.6770 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(159, 4, 251) }
```


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

```
.border{ border-color:rgb(159, 4, 251) }
```

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

Here you see how a box with a 4 pixel rgb(159, 4, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 4, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 4, 251);  
box-shadow:4px 4px 4px 4px rgb(159, 4,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 78.5030, 13.0930, 109.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 4, 251) }
```

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

```
.background{ background-color: rgb(159, 4,  
251) }
```

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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