

Converting Colors

YIQ(111.0440, 9.2910, 90.4670)

Have a look what the booklet for
YIQ(111.0440, 9.2910, 90.4670)
contains.

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Color

**YIQ(111.0440, 9.2910,
90.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	B032FF
RGB	176, 50, 255
RGB Percent	69%, 20%, 100%
CMY	0.3094, 0.8041, 0.0001
CMYK	0.31, 0.80, 0.00, 0.00
HSL	277°, 100%, 60%
HSV	277°, 80%, 100%
XYZ	37.1125, 18.7375, 96.2422
YIQ	111.0440, 9.2910, 90.4670

Conversions

Conversions Part 2

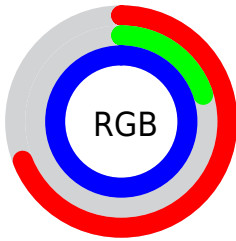
Format	Color
R _Y B	176, 50, 255
Decimal	11547391
CIE _{Lab}	50.38, 79.34, -77.49
CIE _{LCh}	50, 110.904, 315.673
Yxy	18.7375, 0.2440, 0.1232
Android (android.graphics.Color)	4289737471 (0xFFB032FF)
YUV	111.0440, 70.9703, 56.9664
Hunter-Lab	43.2869, 77.2870, -101.5220

Details

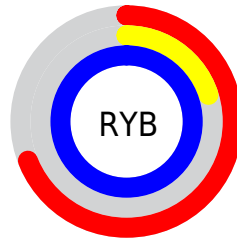
The YIQ color **111.0440, 9.2910, 90.4670** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **193.9560, -9.2910, -90.4670**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6770, 28.5970, 70.9730**, and **56.8430, 5.3030, 85.6470** is the 20% darker color. If you saturate the color by 10%, you get **92.7920, 10.4810, 101.9450**, and if you desaturate by 10%, it is **128.7090, 8.3760, 79.5120**.

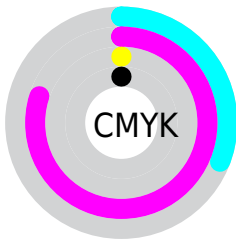
Distribution



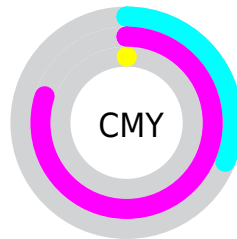
- Red (69%)
- Green (20%)
- Blue (100%)



- Red (69%)
- Yellow (20%)
- Blue (100%)



- Cyan (31%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.0440, 9.2910, 90.4670 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 111.0440, 9.2910, 90.4670 by changing the saturation by 10% instead.

111.0440, 9.2910,
90.4670

111.0440, 9.2910,
90.4670

255.0000, -0.0000,
-0.0000

69.4180, 14.4700,
101.2380

165.6770, 28.5970,
70.9730

57.1420, 5.8990,
85.8590

188.0820, 31.3500,
59.6220

44.6810, -3.5890,
70.5790

205.1050, 23.3750,
44.4550

31.3230, -14.8650,
54.6630

222.1280, 15.4000,
29.2880

15.2030, -32.7430,
37.2490

239.7380, 7.1500,
13.5980

10.1460, -28.5690,
27.6790

11.4050, -22.4690,

16.2430

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 111.0440, 9.2910,
90.4670

■ 111.0440, 9.2910,
90.4670

■ 92.7920, 10.4810,
101.9450

■ 128.7090, 8.3760,
79.5120

■ 76.0130, 11.7170,
112.5890

■ 146.9610, 7.1860,
68.0340

■ 164.6260, 6.2710,
57.0790

■ 182.5790, 4.4850,
45.3890

■ 200.2440, 3.5700,
34.4340

■ 218.4960, 2.3800,
22.9560

■ 236.1610, 1.4650,
12.0010

254.4130, 0.2750,
0.5230

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



98.3360, -114.3050, 17.5910



111.0440, 9.2910, 90.4670



95.5110, 97.7310, 106.6190

Triad

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



111.0440, 9.2910, 90.4670



112.8300, 81.8430, -12.9810



110.2510, -96.8740, -28.5060

Complementary

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



111.0440, 9.2910, 90.4670



193.9560, -9.2910, -90.4670

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.



97.0900, -63.9490, -58.0370



111.0440, 9.2910, 90.4670



106.7970, 23.5750, -47.3130

Square

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



111.0440, 9.2910, 90.4670



72.6570, 144.8280, 51.5160



85.7020, -40.1500, -76.3580



120.0550, -124.4800, -1.7600

Rectangle

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



111.0440, 9.2910, 90.4670



88.4430, 117.6330, 87.3370



85.7020, -40.1500, -76.3580



105.9020, -86.0060, -38.2460

Sweetspot

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



111.0440, 9.2910, 90.4670



212.0170, 2.4710, 26.8150



121.5040, -88.3550, 20.8690



101.7960, 1.2350, 16.1710



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.



111.0440, 9.2910, 90.4670



83.0790, 11.3510, 108.2070



132.2710, 63.1160, 100.6840



118.8740, 0.5950, 5.7390



57.0560, 9.0170, 84.4170



18.9570, 2.7000, 28.1720

Inverse Universe

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



120.3010, 96.8210, 68.0290



93.9710, 115.8460, 81.1740



172.6150, -62.7950, -100.9950



119.4570, 6.1430, 4.3110



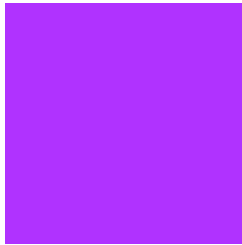
65.5450, 90.0820, 63.5060



21.9860, 30.1190, 21.3430

Previews

White Background



This preview shows how the YIQ color 111.0440, 9.2910, 90.4670 looks on a white background.

Color Contrast Check

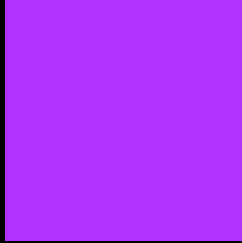
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YIQ color 111.0440, 9.2910, 90.4670 looks on a black 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

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

YIQ 111.0440, 9.2910, 90.4670

Background



This preview shows how black text looks on a background with the YIQ color 111.0440, 9.2910, 90.4670.



This preview shows how white text looks on a background with the YIQ color 111.0440, 9.2910,

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

111.0440, 9.2910, 90.4670

Protanopia

95.9080, -110.2240, 15.2160

Deuteranopia

96.3690, -101.8770, 1.6030



Tritanopia

122.0680, 23.6560, 11.8160

Trichromacy



Original Color

111.0440, 9.2910, 90.4670



Protanomaly

101.4120, -66.7640, 42.5800



Deuteranomaly

101.4800, -61.4440, 34.2680



Tritanomaly

118.2460, 18.4240, 40.5680

Monochromacy



Original Color

111.0440, 9.2910, 90.4670



Achromatopsia

111.0000, -0.0000, 0.0000



Achromatomaly

111.1900, 3.6620, 32.7660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.0440, 9.2910, 90.4670 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(176, 50, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 50, 255)  
}
```

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(176, 50, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 50, 255) }
```

Border

The CSS property to change the border of an element to YIQ 111.0440, 9.2910, 90.4670 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(176, 50, 255) }
```


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

```
.border{ border-color:rgb(176, 50, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 50, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 50, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 50, 255);  
box-shadow:4px 4px 4px 4px rgb(176, 50,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 111.0440, 9.2910, 90.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 50, 255) }
```

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

```
.background{ background-color: rgb(176, 50,  
255) }
```

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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