

Converting Colors

YIQ(110.8000, 16.0300, 94.9900)

Have a look what the booklet for
YIQ(110.8000, 16.0300, 94.9900)
contains.

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Color

**YIQ(110.8000, 16.0300,
94.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	B92DFF
RGB	185, 45, 255
RGB Percent	73%, 18%, 100%
CMY	0.2740, 0.8237, 0.0001
CMYK	0.27, 0.82, 0.00, 0.00
HSL	280°, 100%, 59%
HSV	280°, 82%, 100%
XYZ	39.0182, 19.4197, 96.2783
YIQ	110.8000, 16.0300, 94.9900

Conversions

Conversions Part 2

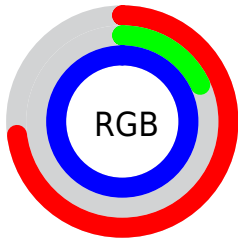
Format	Color
R _{YB}	185, 45, 255
Decimal	12135935
CIE Lab	51.17, 82.06, -76.15
CIE LCh	51, 111.944, 317.140
Yxy	19.4197, 0.2522, 0.1255
Android (android.graphics.Color)	4290326015 (0xFFB92DFF)
YUV	110.8000, 71.0906, 65.0734
Hunter-Lab	44.0678, 80.9277, -98.6880

Details

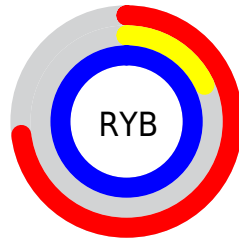
The YIQ color **110.8000, 16.0300, 94.9900** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **189.2000, -16.0300, -94.9900**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1940, 34.5110, 73.9270**, and **59.8330, 11.2630, 87.7670** is the 20% darker color. If you saturate the color by 10%, you get **93.1460, 18.4120, 106.8920**, and if you desaturate by 10%, it is **128.1660, 14.5190, 83.8230**.

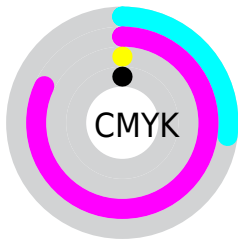
Distribution



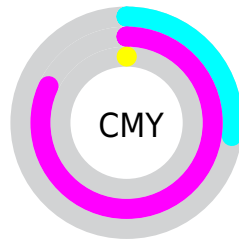
- Red (73%)
- Green (18%)
- Blue (100%)



- Red (73%)
- Yellow (18%)
- Blue (100%)



- Cyan (27%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.8000, 16.0300, 94.9900 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 110.8000, 16.0300, 94.9900 by changing the saturation by 10% instead.

110.8000, 16.0300,
94.9900

110.8000, 16.0300,
94.9900

255.0000, -0.0000,
-0.0000

72.1090, 19.8340,
103.1460

167.1940, 34.5110,
73.9270

59.8330, 11.2630,
87.7670

186.9080, 31.9000,
60.6680

47.3720, 1.7750,
72.4870

203.9310, 23.9250,
45.5010

34.6120, -8.3090,
56.9950

221.5410, 15.6750,
29.8110

21.4820, -20.2270,
41.7010

239.1510, 7.4250,
14.1210

10.1460, -28.5690,
27.6790

10.9320, -22.5150,

17.0770

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 110.8000, 16.0300,
94.9900

■ 110.8000, 16.0300,
94.9900

■ 93.1460, 18.4120,
106.8920

■ 128.1660, 14.5190,
83.8230

■ 79.9000, 19.4650,
115.3450

■ 145.8200, 12.1370,
71.9210

■ 163.1860, 10.6260,
60.7540

■ 180.8400, 8.2440,
48.8520

198.2060, 6.7330,
37.6850

215.8600, 4.3510,
25.7830

232.9270, 2.2440,
14.4040

250.8800, 0.4580,
2.7140

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



110.8000, 16.0300, 94.9900



95.2830, 98.3730, 105.9970

Triad

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



110.8000, 16.0300, 94.9900



114.8790, 80.1470, -15.2850



112.3370, -99.9920, -27.0640

Complementary

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



110.8000, 16.0300, 94.9900



189.2000, -16.0300, -94.9900

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.



98.9480, -66.4250, -57.2170



110.8000, 16.0300, 94.9900



107.3620, 20.3660, -49.7300

Square

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



110.8000, 16.0300, 94.9900



80.5870, 141.8490, 44.9290



87.4630, -40.9750, -77.9270



121.2290, -125.0300, -2.8060

Rectangle

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



110.8000, 16.0300, 94.9900



88.2150, 118.2750, 86.7150



87.4630, -40.9750, -77.9270



107.9880, -89.1240, -36.8040

Sweetspot

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



110.8000, 16.0300, 94.9900



211.1530, 5.0840, 29.0200



110.0300, -86.6600, 28.7000



101.2200, 2.9770, 17.6410



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.



110.8000, 16.0300, 94.9900



81.9600, 19.2360, 113.9880



127.7400, 68.9850, 98.9450



118.8740, 0.5950, 5.7390



60.0460, 14.9770, 86.5370



20.1530, 5.0840, 29.0200

Inverse Universe

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



115.7700, 102.6900, 66.2900



87.9240, 123.2280, 79.5480



172.2600, -68.9850, -98.9450



119.3430, 6.4640, 4.0000



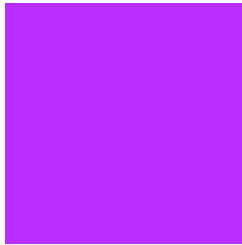
64.4050, 93.2920, 60.3960



21.5300, 31.4030, 20.0990

Previews

White Background



This preview shows how the YIQ color 110.8000, 16.0300, 94.9900 looks on a white background.

Color Contrast Check

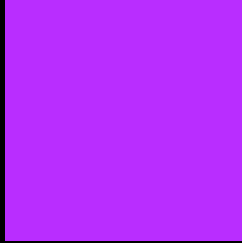
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.8000, 16.0300, 94.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

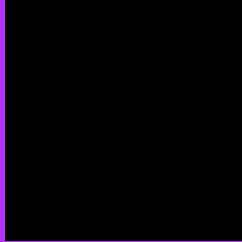
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 110.8000, 16.0300, 94.9900

Background



This preview shows how black text looks on a background with the YIQ color 110.8000, 16.0300, 94.9900.



This preview shows how white text looks on a background with the YIQ color 110.8000, 16.0300,

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

110.8000, 16.0300, 94.9900

Deuteranopia

98.1130, -104.0320, 2.1120

Tritanopia

123.6560, 30.8080, 14.3600

Trichromacy



Original Color

110.8000, 16.0300, 94.9900

Deuteranomaly

102.7190, -60.6190, 35.8370

Tritanomaly

118.9480, 25.2550, 43.4230

Monochromacy



Original Color

110.8000, 16.0300, 94.9900

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.9130, 6.0000, 34.4480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.8000, 16.0300, 94.9900 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(185, 45, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 45, 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(185, 45, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 45, 255) }
```

Border

The CSS property to change the border of an element to YIQ 110.8000, 16.0300, 94.9900 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(185, 45, 255) }
```

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

```
.border{ border-color:rgb(185, 45, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 45, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 45, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 45, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 45,  
255) }
```


Background

The CSS property to change the background color of an element to YIQ 110.8000, 16.0300, 94.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 45, 255) }
```

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

```
.background{ background-color: rgb(185, 45,  
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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