

Converting Colors

YIQ(95.4610, 12.9110, 101.9590)

Have a look what the booklet for
YIQ(95.4610, 12.9110, 101.9590)
contains.

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Color

**YIQ(95.4610, 12.9110,
101.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	AB1AFF
RGB	171, 26, 255
RGB Percent	67%, 10%, 100%
CMY	0.3289, 0.8983, 0.0001
CMYK	0.33, 0.90, 0.00, 0.00
HSL	278°, 100%, 55%
HSV	278°, 90%, 100%
XYZ	35.2346, 16.6259, 95.9327
YIQ	95.4610, 12.9110, 101.9590

Conversions

Conversions Part 2

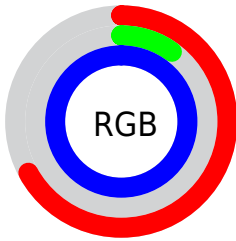
Format	Color
R_{YB}	171, 26, 255
Decimal	11213567
CIE _{Lab}	47.79, 84.24, -81.76
CIE _{LCh}	48, 117.396, 315.858
Yxy	16.6259, 0.2384, 0.1125
Android (android.graphics.Color)	4289403647 (0xFFAB1AFF)
YUV	95.4610, 78.6527, 66.2477
Hunter-Lab	40.7749, 82.8899, -110.9513

Details

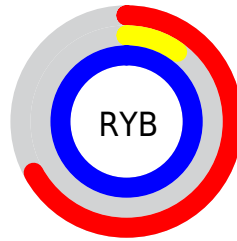
The YIQ color **95.4610, 12.9110, 101.9590** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **185.5390, -12.9110, -101.9590**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.2630, 30.0630, 77.4470**, and **55.0490, 1.7270, 84.3750** is the 20% darker color. If you saturate the color by 10%, you get **77.5080, 14.6970, 113.6490**, and if you desaturate by 10%, it is **112.8270, 11.4000, 90.7920**.

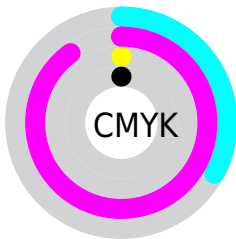
Distribution



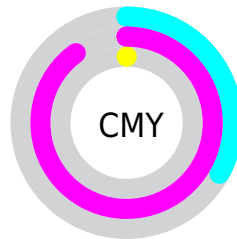
- Red (67%)
- Green (10%)
- Blue (100%)



- Red (67%)
- Yellow (10%)
- Blue (100%)



- Cyan (33%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (90%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.4610, 12.9110, 101.9590 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 95.4610, 12.9110, 101.9590 by changing the saturation by 10% instead.

95.4610, 12.9110,
101.9590

95.4610, 12.9110,
101.9590

255.0000, -0.0000,
-0.0000

67.9230, 11.4900,
100.1780

156.2630, 30.0630,
77.4470

55.3480, 2.3230,
84.5870

180.4510, 34.9250,
66.4210

42.2890, -8.3570,
68.8830

197.4740, 26.9500,
51.2540

28.3330, -20.8250,
52.5430

214.4970, 18.9750,
36.0870

13.1100, -36.9150,
35.7650

232.1070, 10.7250,
20.3970

10.1460, -28.5690,
27.6790

249.7170, 2.4750,

11.4050, -22.4690,

4.7070

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 95.4610, 12.9110,
101.9590

■ 95.4610, 12.9110,
101.9590

■ 77.5080, 14.6970,
113.6490

■ 112.8270, 11.4000,
90.7920

■ 131.0790, 10.2100,
79.3140

■ 148.4450, 8.6990,
68.1470

■ 166.3980, 6.9130,
56.4570

■ 184.0630, 5.9980,
45.5020

■ 202.0160, 4.2120,
33.8120

■ 219.3820, 2.7010,
22.6450

■ 237.6340, 1.5110,
11.1670

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.



94.8140, -112.6550, 20.7290



95.4610, 12.9110, 101.9590



95.0550, 99.0150, 105.3750

Triad

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



95.4610, 12.9110, 101.9590



106.0410, 79.8710, -10.2810



105.8000, -93.9860, -25.7780

Complementary

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



95.4610, 12.9110, 101.9590



185.5390, -12.9110, -101.9590

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.



91.9550, -59.1350, -57.1750



95.4610, 12.9110, 101.9590



99.6870, 18.0730, -46.7190

Square

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



95.4610, 12.9110, 101.9590



71.4610, 142.4440, 50.6680



82.1800, -38.5000, -73.2200



116.5330, -122.8300, 1.3780

Rectangle

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



95.4610, 12.9110, 101.9590



87.6450, 119.8800, 85.1600



82.1800, -38.5000, -73.2200



101.2230, -82.4760, -36.1400

Sweetspot

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



95.4610, 12.9110, 101.9590



207.0220, 4.0750, 30.7870



101.4140, -96.6090, 27.2870



99.4480, 2.3350, 18.2630



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.



95.4610, 12.9110, 101.9590



77.5080, 14.6970, 113.6490



117.0430, 72.9260, 110.1260



118.8740, 0.5950, 5.7390



57.9530, 10.8050, 85.0530



19.2560, 3.2960, 28.3840

Inverse Universe

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



104.0470, 109.5200, 74.6720



86.8470, 122.1270, 82.9830



163.8430, -72.6050, -110.4370



119.3430, 6.4640, 4.0000



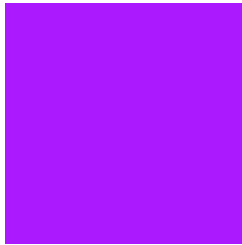
65.0890, 91.3660, 62.2620



21.7580, 30.7610, 20.7210

Previews

White Background



This preview shows how the YIQ color 95.4610, 12.9110, 101.9590 looks on a white background.

Color Contrast Check

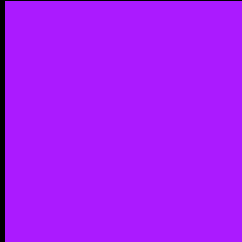
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.4610, 12.9110, 101.9590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

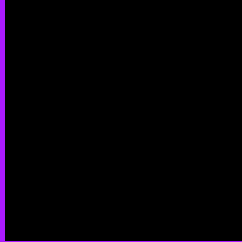
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.4610, 12.9110, 101.9590

Background



This preview shows how black text looks on a background with the YIQ color 95.4610, 12.9110, 101.9590.



This preview shows how white text looks on a background with the YIQ color 95.4610, 12.9110,

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

95.4610, 12.9110, 101.9590

Protanopia

90.9040, -104.4010, 14.3110

Deuteranopia

91.4790, -96.3750, 1.0090



Tritanopia

115.6550, 23.3810, 11.2930

Trichromacy



Original Color

95.4610, 12.9110, 101.9590



Protanomaly

92.2710, -61.8130, 46.4670



Deuteranomaly

92.9260, -56.7680, 37.6320



Tritanomaly

107.9520, 19.4320, 44.3280

Monochromacy



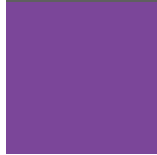
Original Color

95.4610, 12.9110, 101.9590



Achromatopsia

95.0000, -0.0000, -0.0000



Achromatomaly

95.3090, 4.9450, 37.0490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.4610, 12.9110, 101.9590 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(171, 26, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 26, 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(171, 26, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 26, 255) }
```

Border

The CSS property to change the border of an element to YIQ 95.4610, 12.9110, 101.9590 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(171, 26, 255) }
```


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

```
.border{ border-color:rgb(171, 26, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 26, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 26, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 26, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 26,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 95.4610, 12.9110, 101.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 26, 255) }
```

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

```
.background{ background-color: rgb(171, 26,  
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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