

Converting Colors

YIQ(81.1530, -9.8290, 95.5710)

Have a look what the booklet for
YIQ(81.1530, -9.8290, 95.5710)
contains.

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Color

**YIQ(81.1530, -9.8290,
95.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	8316FF
RGB	131, 22, 255
RGB Percent	51%, 9%, 100%
CMY	0.4858, 0.9139, 0.0002
CMYK	0.49, 0.91, 0.00, 0.00
HSL	268°, 100%, 54%
HSV	268°, 91%, 100%
XYZ	27.7031, 12.6220, 95.5367
YIQ	81.1530, -9.8290, 95.5710

Conversions

Conversions Part 2

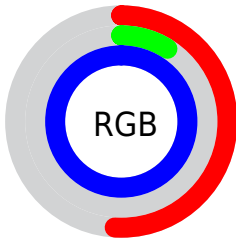
Format	Color
R_{YB}	131, 22, 255
Decimal	8591103
CIE _{Lab}	42.19, 80.70, -91.15
CIE _{LCh}	42, 121.738, 311.522
Yxy	12.6220, 0.2039, 0.0929
Android (android.graphics.Color)	4286781183 (0xFF8316FF)
YUV	81.1530, 85.7066, 43.7158
Hunter-Lab	35.5275, 77.0150, -134.5671

Details

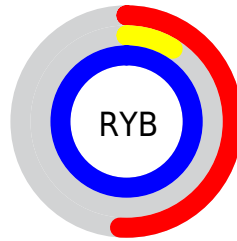
The YIQ color **81.1530, -9.8290, 95.5710** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **195.8470, 9.8290, -95.5710**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **139.9060, 9.0190, 73.3630**, and **40.6970, -26.8810, 74.1990** is the 20% darker color. If you saturate the color by 10%, you get **64.6510, -10.9310, 104.5330**, and if you desaturate by 10%, it is **100.0140, -8.3600, 85.4640**.

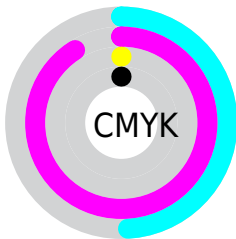
Distribution



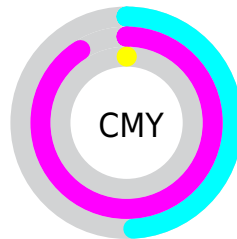
- Red (51%)
- Green (9%)
- Blue (100%)



- Red (51%)
- Yellow (9%)
- Blue (100%)



- Cyan (49%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)





- Cyan (49%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 81.1530, -9.8290, 95.5710 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 81.1530, -9.8290, 95.5710 by changing the saturation by 10% instead.


 81.1530, -9.8290,
95.5710


 81.1530, -9.8290,
95.5710


255.0000, -0.0000,
-0.0000


 54.9520, -13.8170,
90.7510


 139.9060, 9.0190,
73.3630


 40.6970, -26.8810,
74.1990


 166.4970, 20.1160,
64.9800


 19.1520, -53.9280,
52.2480


 192.1910, 29.4250,
55.9610

 16.0740, -45.2610,
43.8510

 208.6270, 21.7250,
41.3170

 12.9960, -36.5940,
35.4540

 226.2370, 13.4750,
25.6270

 15.9020, -30.9980,
22.1380

 243.2600, 5.5000,

 11.4050, -22.4690,

10.4600

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 81.1530, -9.8290,
95.5710

■ 81.1530, -9.8290,
95.5710

■ 64.6510, -10.9310,
104.5330

■ 100.0140, -8.3600,
85.4640

■ 119.1630, -7.7620,
74.6220

■ 138.0240, -6.2930,
64.5150

■ 157.1730, -5.6950,
53.6730

■ 176.0340, -4.2260,
43.5660

■ 195.1830, -3.6280,
32.7240

■ 214.0440, -2.1590,
22.6170

■ 233.4920, -0.9650,
11.9870

■ 252.0540, -0.0920,
1.6680

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



81.1530, -9.8290, 95.5710



89.4880, 87.3700, 101.6580

Triad

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



81.1530, -9.8290, 95.5710



90.7460, 82.6200, 0.4760



93.2160, -80.5980, -26.1180

Complementary

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



81.1530, -9.8290, 95.5710



195.8470, 9.8290, -95.5710

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.



78.4590, -43.1790, -60.0030



81.1530, -9.8290, 95.5710



89.1100, 21.5560, -38.2520

Square

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



81.1530, -9.8290, 95.5710



68.7700, 137.0800, 48.7600



72.7880, -34.1000, -64.8520



105.4480, -112.2850, 3.0030

Rectangle

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



81.1530, -9.8290, 95.5710



87.6450, 119.8800, 85.1600



72.7880, -34.1000, -64.8520



88.6390, -69.0880, -36.4800

Sweetspot

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



81.1530, -9.8290, 95.5710



203.4340, -3.0770, 28.2430



121.3500, -108.8930, 7.6110



97.3550, -1.8370, 16.7790



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.



81.1530, -9.8290, 95.5710



64.6510, -10.9310, 104.5330



115.8370, 59.3070, 120.1630



118.2760, -0.5970, 5.3150



48.6840, -7.6710, 78.4810



16.2660, -2.6640, 26.2640

Inverse Universe

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



105.8030, 99.0640, 87.9600



91.7490, 108.3240, 96.3560



161.1630, -59.3070, -120.1630



119.6850, 5.5010, 4.9330



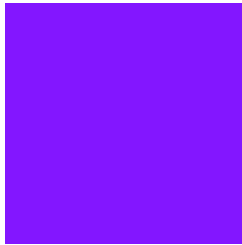
68.7370, 81.0940, 72.2140



23.0120, 27.2300, 24.1420

Previews

White Background



This preview shows how the YIQ color 81.1530, -9.8290, 95.5710 looks on a white background.

Color Contrast Check

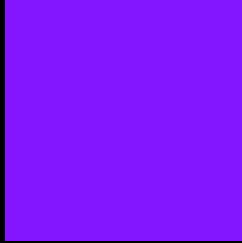
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.1530, -9.8290, 95.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

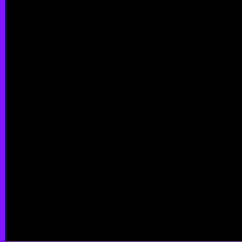
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

YIQ 81.1530, -9.8290, 95.5710

Background



This preview shows how black text looks on a background with the YIQ color 81.1530, -9.8290, 95.5710.



This preview shows how white text looks on a background with the YIQ color 81.1530, -9.8290,

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

81.1530, -9.8290, 95.5710

Protanopia

79.3800, -91.2420, 12.6140

Deuteranopia

80.1830, -83.8580, -0.0660



Tritanopia

99.2210, -7.9320, 0.5800

Trichromacy



Original Color

81.1530, -9.8290, 95.5710



Protanomaly

80.0490, -61.3080, 42.8200



Deuteranomaly

80.9320, -56.9050, 34.6070



Tritanomaly

92.4260, -8.6260, 35.1980

Monochromacy



Original Color

81.1530, -9.8290, 95.5710



Achromatopsia

81.0000, -0.0000, 0.0000



Achromatomaly

81.2370, -3.7200, 34.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.1530, -9.8290, 95.5710 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(131, 22, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 22, 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(131, 22, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 22, 255) }
```

Border

The CSS property to change the border of an element to YIQ 81.1530, -9.8290, 95.5710 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(131, 22, 255) }
```


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

```
.border{ border-color:rgb(131, 22, 255) }
```

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

Here you see how a box with a 4 pixel rgb(131, 22, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 22, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 22, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 22,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 81.1530, -9.8290, 95.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 22, 255) }
```

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

```
.background{ background-color: rgb(131, 22,  
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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