

Converting Colors

YIQ(103.1830, -10.5140,
80.4460)

Have a look what the booklet for
YIQ(103.1830, -10.5140, 80.4460)
contains.

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Color

**YIQ(103.1830, -10.5140,
80.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	8F36FC
RGB	143, 54, 252
RGB Percent	56%, 21%, 99%
CMY	0.4389, 0.7884, 0.0120
CMYK	0.43, 0.79, 0.00, 0.01
HSL	267°, 97%, 60%
HSV	267°, 79%, 99%
XYZ	30.2227, 15.5073, 93.4544
YIQ	103.1830, -10.5140, 80.4460

Conversions

Conversions Part 2

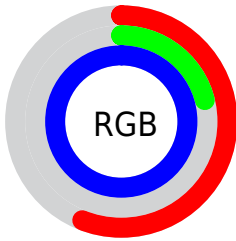
Format	Color
R _Y B	143, 54, 252
Decimal	9385724
CIE Lab	46.32, 72.65, -82.62
CIE LCh	46, 110.015, 311.325
Yxy	15.5073, 0.2171, 0.1114
Android (android.graphics.Color)	4287575804 (0xFF8F36FC)
YUV	103.1830, 73.3668, 34.9195
Hunter-Lab	39.3793, 68.0810, -113.1407

Details

The YIQ color **103.1830, -10.5140, 80.4460** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **202.8170, 10.5140, -80.4460**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.2230, 9.2040, 64.5000**, and **45.7370, -15.1900, 77.0820** is the 20% darker color. If you saturate the color by 10%, you get **84.3220, -11.9830, 90.5530**, and if you desaturate by 10%, it is **122.0440, -9.0450, 70.3390**.

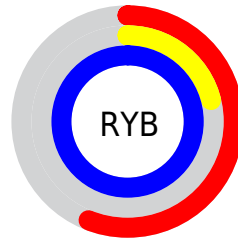
Distribution



Red (56%)

Green (21%)

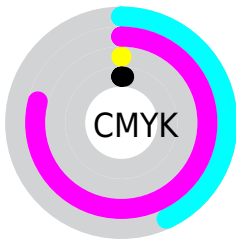
Blue (99%)



Red (56%)

Yellow (21%)

Blue (99%)

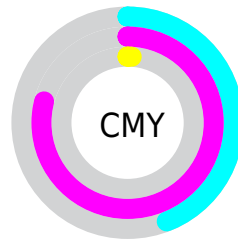


Cyan (43%)

Magenta (79%)

Yellow (0%)

Black (1%)



Cyan (44%)


Magenta (79%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.1830, -10.5140, 80.4460 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 103.1830, -10.5140, 80.4460 by changing the saturation by 10% instead.


 103.1830,
-10.5140, 80.4460


 103.1830,
-10.5140, 80.4460


255.0000, -0.0000,
-0.0000


 69.4760, -9.7810,
83.6830


 155.2230, 9.2040,
64.5000


 45.7370, -15.1900,
77.0820


 180.9280, 19.9800,
56.4280

 31.1830, -28.8500,
60.3180


 203.3440, 24.2000,
46.0240

 15.7320, -44.2980,
42.9180

 220.3670, 16.2250,
30.8570

 12.7680, -35.9520,
34.8320

 237.3900, 8.2500,
15.6900

 10.3910, -27.8810,
26.2230

254.4130, 0.2750,

 10.5900, -21.5520,

0.5230

16.1440

■ 6.2070, -13.3440,
10.5600

■ 2.5250, -5.7320,
4.7640

■ 103.1830,
-10.5140, 80.4460

■ 103.1830,
-10.5140, 80.4460

■ 84.3220, -11.9830,
90.5530

■ 122.0440, -9.0450,
70.3390

■ 65.4610, -13.4520,
100.6600

■ 140.9050, -7.5760,
60.2320

■ 62.5150, -13.5440,
102.3280

■ 160.3530, -6.3820,
49.6020

■ 179.2140, -4.9130,
39.4950

■ 197.7760, -4.0400,
29.1760

■ 216.6370, -2.5710,
19.0690

■ 235.4980, -1.1020,
8.9620

254.3590, 0.3670,
-1.1450

254.6580, 0.9630,
-0.9330

Harmonies

Analogous

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



95.9880, -113.2050, 19.6830



103.1830, -10.5140, 80.4460



90.0580, 85.7650, 103.2130

Triad

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



103.1830, -10.5140, 80.4460



101.6550, 84.1340, -4.9380



99.7700, -85.2740, -29.4820

Complementary

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



103.1830, -10.5140, 80.4460



202.8170, 10.5140, -80.4460

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.



87.0820, -52.3030, -59.8470



103.1830, -10.5140, 80.4460



99.7640, 28.3420, -40.0900

Square

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



103.1830, -10.5140, 80.4460



70.2650, 140.0600, 49.8200



78.0710, -36.5750, -69.5590



110.5030, -114.1180, -2.3260

Rectangle

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



103.1830, -10.5140, 80.4460



88.8990, 116.3490, 88.5810



78.0710, -36.5750, -69.5590



96.1220, -75.0020, -39.4340

Sweetspot

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



103.1830, -10.5140, 80.4460



209.0270, -3.4890, 24.6950



140.5550, -93.5330, 4.5710



100.0020, -2.3410, 14.8990



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.



103.1830, -10.5140, 80.4460



74.6520, -12.6720, 97.5360



132.7840, 48.4900, 101.4340



115.2760, -0.5970, 5.3150



46.9610, -10.0090, 76.7990



15.3260, -2.8930, 24.9070

Inverse Universe

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



125.6280, 83.0190, 75.8750



101.8080, 100.6680, 91.9320



173.2160, -48.4900, -101.4340



116.6850, 5.5010, 4.9330



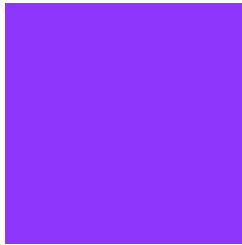
68.3670, 79.2600, 72.4120



22.1150, 25.4420, 23.5060

Previews

White Background



This preview shows how the YIQ color 103.1830, -10.5140, 80.4460 looks on a white background.

Color Contrast Check

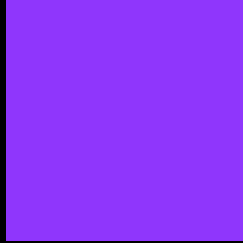
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.1830, -10.5140, 80.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

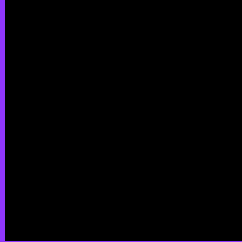
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.1830, -10.5140, 80.4460

Background



This preview shows how black text looks on a background with the YIQ color 103.1830, -10.5140, 80.4460.



This preview shows how white text looks on a background with the YIQ color 103.1830, -10.5140,

80.4460.

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

103.1830, -10.5140, 80.4460

Protanopia

87.6440, -100.7330, 13.9150

Deuteranopia

87.6320, -92.4320, 1.1360



Tritanopia

109.8090, -0.7800, 3.1240

Trichromacy



Original Color

103.1830, -10.5140, 80.4460



Protanomaly

93.2930, -68.0470, 38.2970



Deuteranomaly

93.3610, -62.7270, 29.9850



Tritanomaly

107.2430, -3.8570, 31.3670

Monochromacy



Original Color

103.1830, -10.5140, 80.4460



Achromatopsia

103.0000, -0.0000, 0.0000



Achromatomaly

103.0750, -3.4440, 29.3880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.1830, -10.5140, 80.4460 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(143, 54, 252)` looks like.

```
.text, #text, p{  
    color:rgb(143, 54, 252)  
}
```

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(143, 54, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 54, 252) }
```

Border

The CSS property to change the border of an element to YIQ 103.1830, -10.5140, 80.4460 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(143, 54, 252) }
```


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

```
.border{ border-color:rgb(143, 54, 252) }
```

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

Here you see how a box with a 4 pixel rgb(143, 54, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 54, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 54, 252);  
box-shadow:4px 4px 4px 4px rgb(143, 54,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 103.1830, -10.5140, 80.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 54, 252) }
```

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

```
.background{ background-color: rgb(143, 54,  
252) }
```

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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