

Converting Colors

YIQ(122.8410, -27.8870,
59.3850)

Have a look what the booklet for
YIQ(122.8410, -27.8870, 59.3850)
contains.

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Color

**YIQ(122.8410, -27.8870,
59.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	855CFF
RGB	133, 92, 255
RGB Percent	52%, 36%, 100%
CMY	0.4782, 0.6393, 0.0002
CMYK	0.48, 0.64, 0.00, 0.00
HSL	255°, 100%, 68%
HSV	255°, 64%, 100%
XYZ	31.5468, 19.8582, 96.7271
YIQ	122.8410, -27.8870, 59.3850

Conversions

Conversions Part 2

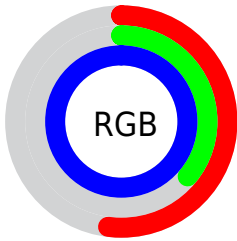
Format	Color
R _Y B	133, 92, 255
Decimal	8740095
CIE Lab	51.68, 54.48, -75.58
CIE LCh	52, 93.165, 305.784
Yxy	19.8582, 0.2130, 0.1341
Android (android.graphics.Color)	4286930175 (0xFF855CFF)
YUV	122.8410, 65.1544, 8.9094
Hunter-Lab	44.5625, 48.3800, -97.5007

Details

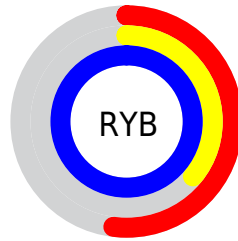
The YIQ color **122.8410, -27.8870, 59.3850** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **224.1590, 27.8870, -59.3850**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.6040, -5.8310, 45.1210**, and **67.7430, -33.6630, 53.9290** is the 20% darker color. If you saturate the color by 10%, you get **101.8980, -32.0610, 68.9550**, and if you desaturate by 10%, it is **143.1970, -23.4380, 50.3380**.

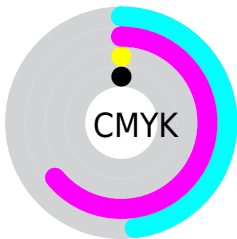
Distribution



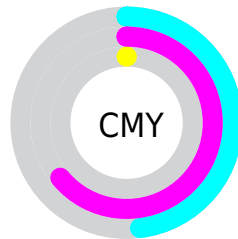
- Red (52%)
- Green (36%)
- Blue (100%)



- Red (52%)
- Yellow (36%)
- Blue (100%)



- Cyan (48%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.8410, -27.8870, 59.3850 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 122.8410, -27.8870, 59.3850 by changing the saturation by 10% instead.

■ 122.8410,
-27.8870, 59.3850

■ 122.8410,
-27.8870, 59.3850

■ 255.0000, -0.0000,
-0.0000

■ 95.5910, -30.1790,
56.8690

■ 171.6040, -5.8310,
45.1210

■ 67.7430, -33.6630,
53.9290

■ 197.0100, 4.3490,
36.8370

■ 35.8450, -42.8780,
50.2260

■ 222.1280, 15.4000,
29.2880

■ 16.1880, -45.5820,
44.1620

■ 239.1510, 7.4250,
14.1210

■ 13.1100, -36.9150,
35.7650

■ 10.1460, -28.5690,
27.6790

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 122.8410,
-27.8870, 59.3850

■ 122.8410,
-27.8870, 59.3850

■ 101.8980,
-32.0610, 68.9550

■ 143.1970,
-23.4380, 50.3380

■ 81.5420, -36.5100,
78.0020

■ 164.1400,
-19.2640, 40.7680

■ 61.1860, -40.9590,
87.0490

■ 184.4960,
-14.8150, 31.7210

■ 48.2060, -43.7110,
92.8730

■ 205.4390,
-10.6410, 22.1510

■ 225.7950, -6.1920,
13.1040

■ 246.7380, -2.0180,
3.5340

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.



105.3800, -117.6050, 11.3150



122.8410, -27.8870, 59.3850



89.2340, 73.7060, 107.0020

Triad

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



122.8410, -27.8870, 59.3850



113.8040, 93.9000, -5.7160



106.6030, -86.6020, -38.4580

Complementary

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



122.8410, -27.8870, 59.3850



224.1590, 27.8870, -59.3850

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.



94.4510, -57.8960, -63.1120



122.8410, -27.8870, 59.3850



114.3380, 47.2770, -36.3310

Square

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



122.8410, -27.8870, 59.3850



89.9200, 127.9100, 49.7500



95.3030, -16.6770, -66.7330



115.6090, -111.9610, -13.8890

Rectangle

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



122.8410, -27.8870, 59.3850



90.7810, 105.2980, 96.1300



95.3030, -16.6770, -66.7330



102.8240, -77.3390, -46.6430

Sweetspot

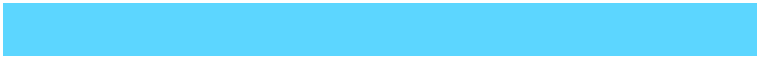
The Sweet Spot groups the original color and five complimentary colors.



122.8410, -27.8870, 59.3850



216.0600, -8.2560, 17.4720



182.1960, -85.8730, -13.1130



103.8120, -4.8620, 11.0260



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.



122.8410, -27.8870, 59.3850



95.9950, -33.7120, 71.3440



147.0600, 20.3890, 76.5570



117.3790, -2.3850, 4.6790



36.1260, -32.7030, 69.5770



12.0800, -11.0080, 23.2960

Inverse Universe

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



154.6450, 57.9860, 72.4980



134.3620, 69.6290, 87.2690



199.9400, -20.3890, -76.5570



119.9130, 4.8590, 5.5550



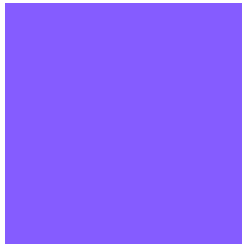
73.4110, 67.9330, 84.9650



24.6080, 22.7360, 28.4960

Previews

White Background



This preview shows how the YIQ color 122.8410, -27.8870, 59.3850 looks on a white background.

Color Contrast Check

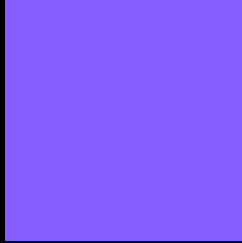
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.8410, -27.8870, 59.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

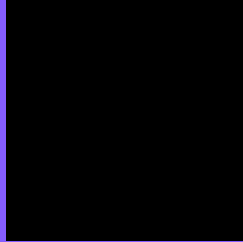
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.8410, -27.8870, 59.3850

Background



This preview shows how black text looks on a background with the YIQ color 122.8410, -27.8870, 59.3850.



This preview shows how white text looks on a background with the YIQ color 122.8410, -27.8870,

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

122.8410, -27.8870, 59.3850

Protanopia

97.8800, -113.0210, 16.3470

Deuteranopia

98.7000, -104.3070, 1.5890



Tritanopia

120.0670, -19.3020, -2.6140

Trichromacy



Original Color

122.8410, -27.8870, 59.3850

Protanomaly

107.0630, -82.2590, 31.5410

Deuteranomaly

107.6040, -76.8930, 22.3950

Tritanomaly

120.9260, -22.3780, 20.1020

Monochromacy



Original Color

122.8410, -27.8870, 59.3850

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.2110, -9.9990, 21.5290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.8410, -27.8870, 59.3850 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(133, 92, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 92, 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(133, 92, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 92, 255) }
```

Border

The CSS property to change the border of an element to YIQ 122.8410, -27.8870, 59.3850 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(133, 92, 255) }
```


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

```
.border{ border-color:rgb(133, 92, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 92, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 92, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 92, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 92,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 122.8410, -27.8870, 59.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 92, 255) }
```

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

```
.background{ background-color: rgb(133, 92,  
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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