

Converting Colors

YIQ(119.8700, 27.0360, 82.7480)

Have a look what the booklet for
YIQ(119.8700, 27.0360, 82.7480)
contains.

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Color

**YIQ(119.8700, 27.0360,
82.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	C53BE7
RGB	197, 59, 231
RGB Percent	77%, 23%, 91%
CMY	0.2270, 0.7688, 0.0941
CMYK	0.15, 0.74, 0.00, 0.09
HSL	288°, 78%, 57%
HSV	288°, 74%, 91%
XYZ	39.0389, 20.7765, 77.5491
YIQ	119.8700, 27.0360, 82.7480

Conversions

Conversions Part 2

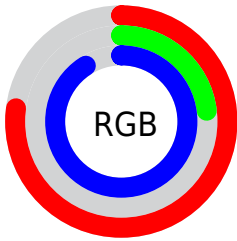
Format	Color
RYB	197, 59, 231
Decimal	12925927
CIELab	52.70, 75.53, -60.15
CIELCh	53, 96.558, 321.466
Yxy	20.7765, 0.2842, 0.1513
Android (android.graphics.Color)	4291116007 (0xFFC53BE7)
YUV	119.8700, 54.7871, 67.6430
Hunter-Lab	45.5812, 73.1127, -68.9655

Details

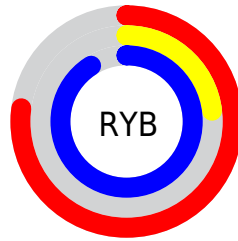
The YIQ color **119.8700, 27.0360, 82.7480** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **170.1300, -27.0360, -82.7480**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7550, 37.1250, 70.6050**, and **61.0980, 26.3940, 83.3700** is the 20% darker color. If you saturate the color by 10%, you get **105.1730, 30.9770, 93.9290**, and if you desaturate by 10%, it is **134.8660, 23.6910, 71.7790**.

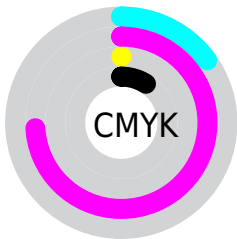
Distribution



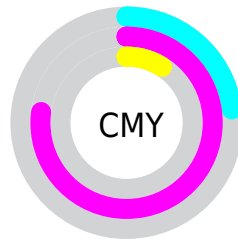
- Red (77%)
- Green (23%)
- Blue (91%)



- Red (77%)
- Yellow (23%)
- Blue (91%)



- Cyan (15%)
- Magenta (74%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (77%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.8700, 27.0360, 82.7480 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 119.8700, 27.0360, 82.7480 by changing the saturation by 10% instead.

119.8700, 27.0360,
82.7480

119.8700, 27.0360,
82.7480

255.0000, -0.0000,
-0.0000

83.2390, 30.6110,
89.5470

175.7550, 37.1250,
70.6050

61.3970, 26.9900,
83.5820

192.1910, 29.4250,
55.9610

49.6480, 18.3730,
69.0370

209.8010, 21.1750,
40.2710

38.0130, 9.4350,
54.8030

226.8240, 13.2000,
25.1040

26.6770, 1.0930,
40.7810

244.4340, 4.9500,
9.4140

13.9600, -10.5500,
26.0100

7.1190, -15.9120,

13.0480

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 119.8700, 27.0360,
82.7480

■ 119.8700, 27.0360,
82.7480

■ 105.1730, 30.9770,
93.9290

■ 134.8660, 23.6910,
71.7790

■ 90.1770, 34.3220,
104.8980

■ 149.5630, 19.7500,
60.5980

■ 81.9480, 36.7050,
111.2730

■ 164.5590, 16.4050,
49.6290

■ 179.2560, 12.4640,
38.4480

194.2520, 9.1190,
27.4790

209.5360, 4.9030,
15.7750

224.5320, 1.5580,
4.8060

239.5280, -1.7870,
-6.1630

247.1810, -2.4280,
-11.0680

Harmonies

Analogous

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



96.5750, -113.4800, 19.1600



119.8700, 27.0360, 82.7480



93.6870, 102.8670, 101.6430

Triad

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



119.8700, 27.0360, 82.7480



118.6450, 71.7580, -22.9460



114.4230, -103.1100, -25.6220

Complementary

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



119.8700, 27.0360, 82.7480



170.1300, -27.0360, -82.7480

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.



103.4450, -74.9540, -51.3220



119.8700, 27.0360, 82.7480



110.2970, 18.9910, -52.3450

Square

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



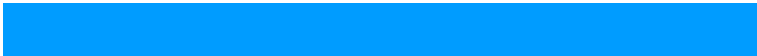
119.8700, 27.0360, 82.7480



108.0990, 118.6550, 13.7190



89.2240, -41.8000, -79.4960



120.6420, -124.7550, -2.2830

Rectangle

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



119.8700, 27.0360, 82.7480



87.5310, 120.2010, 84.8490



89.2240, -41.8000, -79.4960



110.6440, -93.8470, -33.8070

Sweetspot

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



119.8700, 27.0360, 82.7480



218.8390, 8.8440, 26.9560



98.5660, -64.5620, 35.7100



105.9490, 5.1780, 16.2980



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.



119.8700, 27.0360, 82.7480



108.2960, 35.6050, 109.1810



124.1080, 63.9920, 73.7840



107.0590, 1.5120, 5.6400



63.1630, 27.7690, 85.9850



18.0730, 8.0650, 24.5530

Inverse Universe

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



114.3040, 91.5980, 47.0380



101.0030, 120.8470, 62.1190



165.8920, -63.9920, -73.7840



106.9300, 6.1890, 3.4770



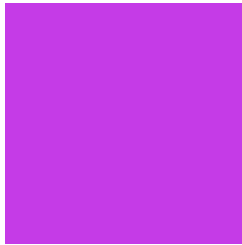
57.5110, 95.4490, 48.8330



16.3890, 27.1860, 13.9220

Previews

White Background



This preview shows how the YIQ color 119.8700, 27.0360, 82.7480 looks on a white background.

Color Contrast Check

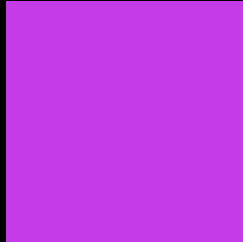
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.8700, 27.0360, 82.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

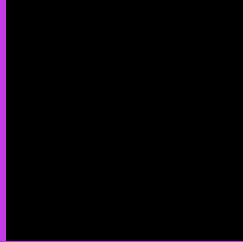
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.8700, 27.0360, 82.7480

Background



This preview shows how black text looks on a background with the YIQ color 119.8700, 27.0360, 82.7480.



This preview shows how white text looks on a background with the YIQ color 119.8700, 27.0360,

82.7480.

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

119.8700, 27.0360, 82.7480

Protanopia

108.1590, -100.5050, 20.7990

Deuteranopia

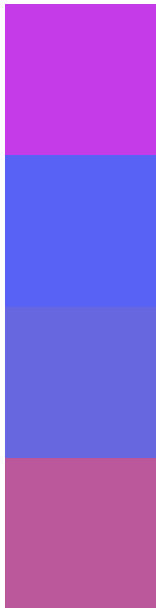
115.1660, -76.0200, 12.0760



Tritanopia

127.2340, 43.9200, 19.0240

Trichromacy



Original Color

119.8700, 27.0360, 82.7480

Protanomaly

112.4690, -53.7430, 43.3850

Deuteranomaly

116.7940, -38.8410, 37.6310

Tritanomaly

124.6520, 37.7720, 42.3480

Monochromacy



Original Color

119.8700, 27.0360, 82.7480

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.0180, 9.8980, 29.8820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8700, 27.0360, 82.7480 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(197, 59, 231)` looks like.

```
.text, #text, p{  
    color:rgb(197, 59, 231)  
}
```

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(197, 59, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 59, 231) }
```

Border

The CSS property to change the border of an element to YIQ 119.8700, 27.0360, 82.7480 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(197, 59, 231) }
```


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

```
.border{ border-color:rgb(197, 59, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 59, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 59, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 59, 231);  
box-shadow:4px 4px 4px 4px rgb(197, 59,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8700, 27.0360, 82.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 59, 231) }
```

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

```
.background{ background-color: rgb(197, 59,  
231) }
```

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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