

Converting Colors

YIQ(85.6050, -5.2900, 95.9100)

Have a look what the booklet for
YIQ(85.6050, -5.2900, 95.9100)
contains.

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Color

**YIQ(85.6050, -5.2900,
95.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	8C19FF
RGB	140, 25, 255
RGB Percent	55%, 10%, 100%
CMY	0.4505, 0.9022, 0.0002
CMYK	0.45, 0.90, 0.00, 0.00
HSL	270°, 100%, 55%
HSV	270°, 90%, 100%
XYZ	29.2216, 13.4946, 95.6295
YIQ	85.6050, -5.2900, 95.9100

Conversions

Conversions Part 2

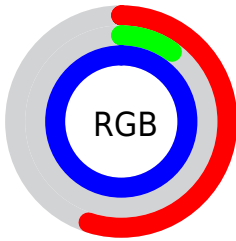
Format	Color
R _Y B	140, 25, 255
Decimal	9181695
CIE Lab	43.50, 81.00, -88.95
CIE LCh	43, 120.302, 312.323
Yxy	13.4946, 0.2112, 0.0975
Android (android.graphics.Color)	4287371775 (0xFF8C19FF)
YUV	85.6050, 83.5117, 47.7044
Hunter-Lab	36.7350, 77.7048, -128.6305

Details

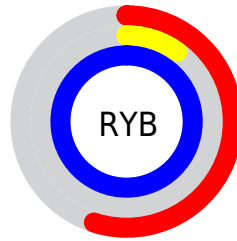
The YIQ color **85.6050, -5.2900, 95.9100** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **194.3950, 5.2900, -95.9100**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3580, 13.5580, 73.7020**, and **44.2850, -19.7290, 76.7430** is the 20% darker color. If you saturate the color by 10%, you get **67.3420, -5.5670, 106.4410**, and if you desaturate by 10%, it is **104.1670, -4.4170, 85.5910**.

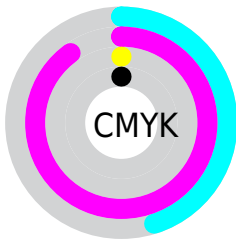
Distribution



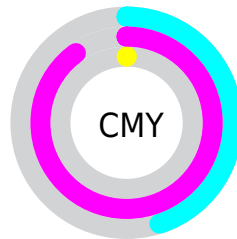
- Red (55%)
- Green (10%)
- Blue (100%)



- Red (55%)
- Yellow (10%)
- Blue (100%)



- Cyan (45%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (90%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.6050, -5.2900, 95.9100 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 85.6050, -5.2900, 95.9100 by changing the saturation by 10% instead.


 85.6050, -5.2900,
95.9100


 85.6050, -5.2900,
95.9100


255.0000, -0.0000,
-0.0000


 57.9420, -7.8570,
92.8710


 144.3580, 13.5580,
73.7020


 44.2850, -19.7290,
76.7430


 170.6500, 24.0590,
65.1070


 27.5240, -37.2400,
58.1840


 193.3650, 28.8750,
54.9150

 16.0740, -45.2610,
43.8510

 210.3880, 20.9000,
39.7480

 12.9960, -36.5940,
35.4540

 227.9980, 12.6500,
24.0580

 12.9670, -29.6230,
24.7530

 245.0210, 4.6750,

 11.4050, -22.4690,

8.8910

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 85.6050, -5.2900,
95.9100

■ 85.6050, -5.2900,
95.9100

■ 67.3420, -5.5670,
106.4410

■ 104.1670, -4.4170,
85.5910

■ 123.3160, -3.8190,
74.7490

■ 141.5790, -3.5420,
64.2180

■ 160.7280, -2.9440,
53.3760

■ 179.2900, -2.0710,
43.0570

■ 198.1400, -2.0690,
32.0030

■ 216.7020, -1.1960,
21.6840

■ 235.8510, -0.5980,
10.8420

254.4130, 0.2750,
0.5230

Harmonies

Analogous

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



91.8790, -111.2800, 23.3440



85.6050, -5.2900, 95.9100



90.6840, 89.7540, 102.5060

Triad

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



85.6050, -5.2900, 95.9100



94.8660, 82.1620, -2.2380



96.2480, -83.6240, -26.3440

Complementary

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



85.6050, -5.2900, 95.9100



194.3950, 5.2900, -95.9100

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.



81.8330, -47.1680, -59.2960



85.6050, -5.2900, 95.9100



91.7570, 21.0520, -40.1320

Square

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



85.6050, -5.2900, 95.9100



69.3680, 138.2720, 49.1840



74.5490, -34.9250, -66.4210



108.2520, -114.6690, 2.1550

Rectangle

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



85.6050, -5.2900, 95.9100



87.7590, 119.5590, 85.4710



74.5490, -34.9250, -66.4210



91.6710, -72.1140, -36.7060

Sweetspot

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



85.6050, -5.2900, 95.9100



204.3310, -1.2890, 28.8790



118.7250, -105.4550, 11.3850



97.6540, -1.2410, 16.9910



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.



85.6050, -5.2900, 95.9100



67.3420, -5.5670, 106.4410



119.9900, 63.2500, 120.2900



118.2760, -0.5970, 5.3150



50.4780, -4.0950, 79.7530



16.8640, -1.4720, 26.6880

Inverse Universe

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



106.8800, 100.1650, 84.5250



90.7230, 111.2130, 93.5570



160.0100, -63.2500, -120.2900



119.5710, 5.8220, 4.6220



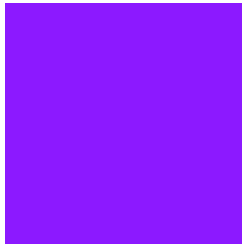
67.9390, 83.3410, 70.0370



22.7840, 27.8720, 23.5200

Previews

White Background



This preview shows how the YIQ color 85.6050, -5.2900, 95.9100 looks on a white background.

Color Contrast Check

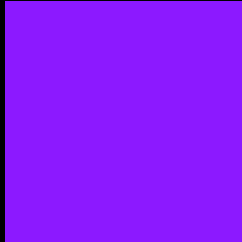
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.6050, -5.2900, 95.9100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

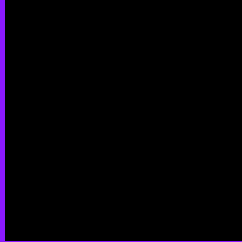
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.6050, -5.2900, 95.9100

Background



This preview shows how black text looks on a background with the YIQ color 85.6050, -5.2900, 95.9100.



This preview shows how white text looks on a background with the YIQ color 85.6050, -5.2900,

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

85.6050, -5.2900, 95.9100

Protanopia

81.9390, -94.3140, 13.2220

Deuteranopia

82.6280, -86.6090, 0.2310



Tritanopia

103.1080, -0.1840, 3.3360

Trichromacy



Original Color

85.6050, -5.2900, 95.9100

Protanomaly

83.2770, -61.9500, 43.4420

Deuteranomaly

84.0460, -57.2260, 34.9180

Tritanomaly

96.6010, -1.7490, 37.2190

Monochromacy



Original Color

85.6050, -5.2900, 95.9100

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

86.0200, -1.6110, 34.7170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.6050, -5.2900, 95.9100 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(140, 25, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 25, 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(140, 25, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 25, 255) }
```

Border

The CSS property to change the border of an element to YIQ 85.6050, -5.2900, 95.9100 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(140, 25, 255) }
```


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

```
.border{ border-color:rgb(140, 25, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 25, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 25, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 25, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 25,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 85.6050, -5.2900, 95.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 25, 255) }
```

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

```
.background{ background-color: rgb(140, 25,  
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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