

Converting Colors

YIQ(135.5940, 9.2970, 57.3050)

Have a look what the booklet for
YIQ(135.5940, 9.2970, 57.3050)
contains.

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Color

**YIQ(135.5940, 9.2970,
57.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	B460DF
RGB	180, 96, 223
RGB Percent	71%, 38%, 87%
CMY	0.2938, 0.6237, 0.1255
CMYK	0.19, 0.57, 0.00, 0.13
HSL	280°, 66%, 63%
HSV	280°, 57%, 87%
XYZ	36.3358, 23.3981, 72.4021
YIQ	135.5940, 9.2970, 57.3050

Conversions

Conversions Part 2

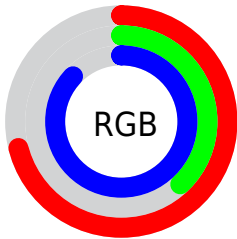
Format	Color
R_{YB}	180, 96, 223
Decimal	11821279
CIE _{Lab}	55.48, 54.78, -51.32
CIE _{LCh}	55, 75.068, 316.866
Yxy	23.3981, 0.2750, 0.1771
Android (android.graphics.Color)	4290011359 (0xFFB460DF)
YUV	135.5940, 43.0912, 38.9441
Hunter-Lab	48.3715, 49.4357, -54.8847

Details

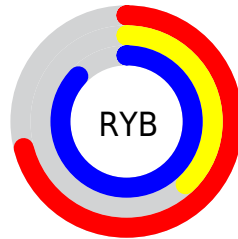
The YIQ color **135.5940, 9.2970, 57.3050** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **183.4060, -9.2970, -57.3050**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.2820, 18.7430, 51.3110**, and **80.7680, 8.7470, 56.2590** is the 20% darker color. If you saturate the color by 10%, you get **120.5870, 11.1750, 67.3270**, and if you desaturate by 10%, it is **150.9000, 8.0150, 47.4950**.

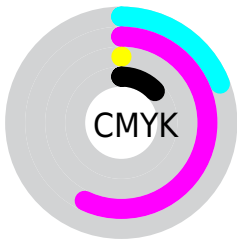
Distribution



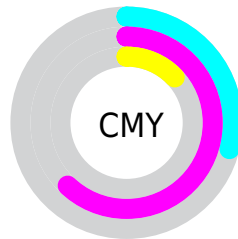
- Red (71%)
- Green (38%)
- Blue (87%)



- Red (71%)
- Yellow (38%)
- Blue (87%)



- Cyan (19%)
- Magenta (57%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (62%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.5940, 9.2970, 57.3050 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 135.5940, 9.2970, 57.3050 by changing the saturation by 10% instead.

135.5940, 9.2970,
57.3050

135.5940, 9.2970,
57.3050

255.0000, -0.0000,
-0.0000

108.1810, 9.0220,
56.7820

188.2820, 18.7430,
51.3110

80.7680, 8.7470,
56.2590

209.8010, 21.1750,
40.2710

49.3600, 10.0760,
59.7080

226.2370, 13.4750,
25.6270

33.6270, 4.5300,
50.0820

243.2600, 5.5000,
10.4600

22.7040, -3.5370,
36.5830

10.9980, -13.7130,
22.7590

6.4350, -13.9860,

11.1820

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 135.5940, 9.2970,
57.3050

■ 135.5940, 9.2970,
57.3050

■ 120.5870, 11.1750,
67.3270

■ 150.9000, 8.0150,
47.4950

■ 104.6940, 12.7320,
77.6600

■ 166.4940, 5.8620,
36.9500

■ 89.3880, 14.0140,
87.4700

■ 181.8000, 4.5800,
27.1400

■ 74.3810, 15.8920,
97.4920

■ 196.8070, 2.7020,
17.1180

69.6740, 16.6250,
100.7290

212.1130, 1.4200,
7.3080

227.7070, -0.7330,
-3.2370

243.0130, -2.0150,
-13.0470

246.8670, 1.3320,
-13.1320

249.2590, 6.1000,
-11.4360

Harmonies

Analogous

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



116.1660, -93.2150, 20.8410



135.5940, 9.2970, 57.3050



124.1700, 69.4490, 68.4970

Triad

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



135.5940, 9.2970, 57.3050



125.4560, 76.6640, -23.7520



114.3600, -98.7990, -32.1670

Complementary

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



135.5940, 9.2970, 57.3050



183.4060, -9.2970, -57.3050

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.



105.4340, -76.4210, -52.2690



135.5940, 9.2970, 57.3050



120.4410, 36.3210, -47.0310

Square

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



135.5940, 9.2970, 57.3050



123.4480, 98.6190, 13.3950



103.9840, -31.7160, -64.0040



119.2110, -116.5920, -12.5600

Rectangle

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



135.5940, 9.2970, 57.3050



117.8720, 93.4750, 62.5870



103.9840, -31.7160, -64.0040



111.2650, -91.4620, -38.4860

Sweetspot

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



135.5940, 9.2970, 57.3050



225.2740, 2.8850, 19.3090



136.3060, -52.8670, 16.4850



110.0470, 1.7860, 11.6900



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.



135.5940, 9.2970, 57.3050



135.8080, 12.4110, 77.9710



146.2850, 41.0240, 60.5120



104.3470, 0.6410, 4.9050



55.0470, 13.2360, 79.5400



15.0400, 3.6640, 21.7120

Inverse Universe

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



138.8750, 61.8890, 40.2970



140.3390, 84.4900, 54.7140



172.7150, -41.0240, -60.5120



104.7450, 5.2720, 3.5760



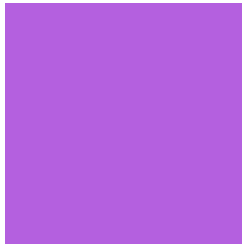
59.3500, 85.9570, 55.6610



16.1760, 23.4720, 15.1520

Previews

White Background



This preview shows how the YIQ color 135.5940, 9.2970, 57.3050 looks on a white background.

Color Contrast Check

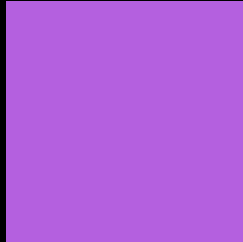
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.5940, 9.2970, 57.3050 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 135.5940, 9.2970, 57.3050

Background



This preview shows how black text looks on a background with the YIQ color 135.5940, 9.2970, 57.3050.



This preview shows how white text looks on a background with the YIQ color 135.5940, 9.2970,

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

135.5940, 9.2970, 57.3050

Protanopia

123.0320, -80.9740, 24.7700

Deuteranopia

128.0990, -56.7180, 14.6900



Tritanopia

135.4810, 23.9310, 12.3390

Trichromacy



Original Color

135.5940, 9.2970, 57.3050



Protanomaly

127.4770, -48.1940, 36.4300



Deuteranomaly

130.6880, -32.9710, 30.3650



Tritanomaly

135.5690, 18.4720, 28.6800

Monochromacy



Original Color

135.5940, 9.2970, 57.3050



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

135.6270, 3.3890, 21.1890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.5940, 9.2970, 57.3050 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(180, 96, 223)` looks like.

```
.text, #text, p{  
    color:rgb(180, 96, 223)  
}
```

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(180, 96, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 96, 223) }
```

Border

The CSS property to change the border of an element to YIQ 135.5940, 9.2970, 57.3050 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(180, 96, 223) }
```


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

```
.border{ border-color:rgb(180, 96, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 96, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 96, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 96, 223);  
box-shadow:4px 4px 4px 4px rgb(180, 96,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 135.5940, 9.2970, 57.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 96, 223) }
```

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

```
.background{ background-color: rgb(180, 96,  
223) }
```

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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