

Converting Colors

YIQ(115.0570, -11.0600,
57.2920)

Have a look what the booklet for
YIQ(115.0570, -11.0600, 57.2920)
contains.

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Color

**YIQ(115.0570, -11.0600,
57.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	8C51E1
RGB	140, 81, 225
RGB Percent	55%, 32%, 88%
CMY	0.4507, 0.6824, 0.1178
CMYK	0.38, 0.64, 0.00, 0.12
HSL	265°, 71%, 60%
HSV	265°, 64%, 88%
XYZ	27.3509, 16.8959, 73.0255
YIQ	115.0570, -11.0600, 57.2920

Conversions

Conversions Part 2

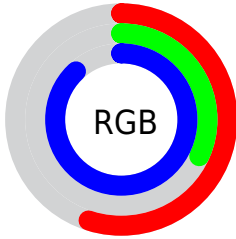
Format	Color
R_{YB}	140, 81, 225
Decimal	9196001
CIE _{Lab}	48.13, 53.69, -64.50
CIE _{LCh}	48, 83.919, 309.772
Yxy	16.8959, 0.2332, 0.1441
Android (android.graphics.Color)	4287386081 (0xFF8C51E1)
YUV	115.0570, 54.2019, 21.8750
Hunter-Lab	41.1046, 46.8406, -76.5601

Details

The YIQ color **115.0570, -11.0600, 57.2920** 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 **190.9430, 11.0600, -57.2920**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3430, -0.4220, 51.7220**, and **60.8070, -13.3520, 54.7760** is the 20% darker color. If you saturate the color by 10%, you get **97.6690, -12.4830, 66.5650**, and if you desaturate by 10%, it is **131.8580, -9.3620, 48.5420**.

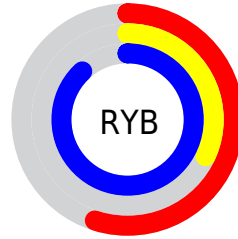
Distribution



Red (55%)

Green (32%)

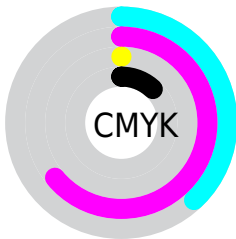
Blue (88%)



Red (55%)

Yellow (32%)

Blue (88%)

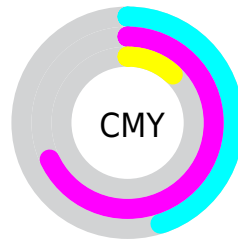


Cyan (38%)

Magenta (64%)

Yellow (0%)

Black (12%)



Cyan (45%)

Magenta (68%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.0570, -11.0600, 57.2920 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 115.0570, -11.0600, 57.2920 by changing the saturation by 10% instead.

■ 115.0570,
-11.0600, 57.2920

■ 115.0570,
-11.0600, 57.2920

■ 255.0000, -0.0000,
-0.0000

■ 87.8180, -11.8850,
55.7230

■ 166.3430, -0.4220,
51.7220

■ 60.8070, -13.3520,
54.7760

■ 191.1620, 10.0330,
43.9610

■ 31.3230, -14.8650,
54.6630

■ 215.6710, 18.4250,
35.0410

■ 14.9040, -33.3390,
37.0370

■ 232.6940, 10.4500,
19.8740

■ 10.2600, -28.8900,
27.9900

■ 249.1300, 2.7500,
5.2300

■ 10.3450, -22.2400,
17.6000

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 115.0570,
-11.0600, 57.2920

■ 115.0570,
-11.0600, 57.2920

■ 97.6690, -12.4830,
66.5650

■ 131.8580, -9.3620,
48.5420

■ 80.8680, -14.1810,
75.3150

■ 149.5450, -7.3430,
39.4810

■ 63.1810, -16.2000,
84.3760

■ 166.3460, -5.6450,
30.7310

■ 53.1580, -17.3930,
89.4790

■ 183.7340, -4.2220,
21.4580

■ 200.5350, -2.5240,
12.7080

■ 218.2220, -0.5050,
3.6470

■ 235.0230, 1.1930,
-5.1030

■ 248.8890, 4.2660,
-11.2380

■ 251.5800, 9.6300,
-9.3300

Harmonies

Analogous

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



97.7490, -114.0300, 18.1140



115.0570, -11.0600, 57.2920



86.3070, 71.4620, 92.5980

Triad

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



115.0570, -11.0600, 57.2920



106.9270, 80.1920, -10.5920



99.5590, -83.3020, -32.1820

Complementary

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



115.0570, -11.0600, 57.2920



190.9430, 11.0600, -57.2920

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.



89.1340, -58.0810, -54.2490



115.0570, -11.0600, 57.2920



105.4340, 38.1990, -37.0090

Square

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



115.0570, -11.0600, 57.2920



94.2190, 110.1700, 29.8340



83.4530, -25.8470, -65.7430



106.6100, -104.5340, -10.8220

Rectangle

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



115.0570, -11.0600, 57.2920



82.5210, 99.7980, 85.6700



83.4530, -25.8470, -65.7430



96.1220, -75.0020, -39.4340

Sweetspot

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



115.0570, -11.0600, 57.2920



218.1530, -4.0840, 18.9560



147.8980, -69.8740, -0.1940



105.0080, -2.4780, 11.8740



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.



115.0570, -11.0600, 57.2920



105.2640, -15.2360, 77.9160



136.2860, 31.2560, 72.3440



103.7490, -0.5510, 4.4810



41.5920, -13.5840, 70.0000



11.4520, -3.4880, 19.1680

Inverse Universe

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



133.7460, 58.5390, 56.9630



130.7140, 79.9010, 77.3170



169.7140, -31.2560, -72.3440



105.0870, 4.3090, 4.5090



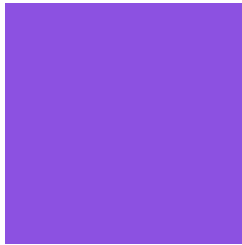
64.4800, 71.5120, 69.6560



17.6580, 19.2990, 19.1950

Previews

White Background



This preview shows how the YIQ color 115.0570, -11.0600, 57.2920 looks on a white background.

Color Contrast Check

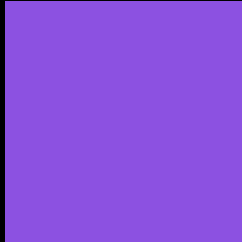
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.0570, -11.0600, 57.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

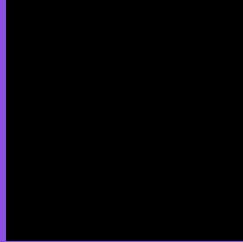
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.0570, -11.0600, 57.2920

Background



This preview shows how black text looks on a background with the YIQ color 115.0570, -11.0600, 57.2920.



This preview shows how white text looks on a background with the YIQ color 115.0570, -11.0600,

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

115.0570, -11.0600, 57.2920

Protanopia

91.2460, -105.3640, 15.2440

Deuteranopia

91.9350, -97.6590, 2.2530



Tritanopia

114.8200, 0.6870, 4.0710

Trichromacy



Original Color

115.0570, -11.0600, 57.2920

Protanomaly

99.6960, -70.9800, 30.8760

Deuteranomaly

100.4650, -66.2560, 22.3520

Tritanomaly

115.0870, -3.7180, 23.3380

Monochromacy



Original Color

115.0570, -11.0600, 57.2920

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.2070, -4.1760, 20.6240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.0570, -11.0600, 57.2920 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, 81, 225)` looks like.

```
.text, #text, p{  
    color:rgb(140, 81, 225)  
}
```

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, 81, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 81, 225) }
```

Border

The CSS property to change the border of an element to YIQ 115.0570, -11.0600, 57.2920 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, 81, 225) }
```


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

```
.border{ border-color:rgb(140, 81, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 81, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 81, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 81, 225);  
box-shadow:4px 4px 4px 4px rgb(140, 81,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 115.0570, -11.0600, 57.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 81, 225) }
```

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

```
.background{ background-color: rgb(140, 81,  
225) }
```

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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