

Converting Colors

YIQ(115.3270, -3.4930, 46.8030)

Have a look what the booklet for
YIQ(115.3270, -3.4930, 46.8030)
contains.

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Color

**YIQ(115.3270, -3.4930,
46.8030)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8D56C7 |
| RGB | 141, 86, 199 |
| RGB Percent | 55%, 34%, 78% |
| CMY | 0.4468, 0.6628, 0.2197 |
| CMYK | 0.29, 0.57, 0.00, 0.22 |
| HSL | 269°, 50%, 56% |
| HSV | 269°, 57%, 78% |
| XYZ | 24.6250, 16.4415, 55.8927 |
| YIQ | 115.3270, -3.4930, 46.8030 |

Conversions

Conversions Part 2

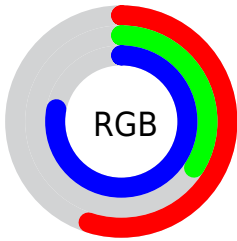
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 141, 86, 199 |
| Decimal | 9262791 |
| CIE _{Lab} | 47.55, 44.83, -50.57 |
| CIE _{LCh} | 48, 67.584, 311.558 |
| Yxy | 16.4415, 0.2540, 0.1696 |
| Android (android.graphics.Color) | 4287452871 (0xFF8D56C7) |
| YUV | 115.3270, 41.2508, 22.5152 |
| Hunter-Lab | 40.5481, 37.4445, -53.3435 |

Details

The YIQ color **115.3270, -3.4930, 46.8030** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **169.6730, 3.4930, -46.8030**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9790, -2.3930, 48.8950**, and **63.2620, -4.8680, 44.1880** is the 20% darker color. If you saturate the color by 10%, you get **100.5970, -3.9530, 55.1430**, and if you desaturate by 10%, it is **130.0570, -3.0330, 38.4630**.

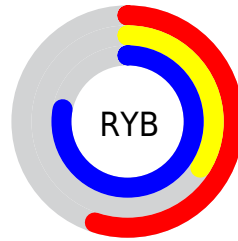
Distribution



Red (55%)

Green (34%)

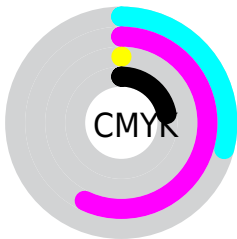
Blue (78%)



Red (55%)

Yellow (34%)

Blue (78%)

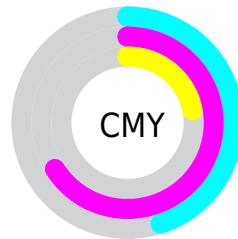


Cyan (29%)

Magenta (57%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (66%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.3270, -3.4930, 46.8030 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 115.3270, -3.4930, 46.8030 by changing the saturation by 10% instead.

■ 115.3270, -3.4930,
46.8030

■ 115.3270, -3.4930,
46.8030

■ 255.0000, -0.0000,
-0.0000

■ 89.3870, -3.7220,
45.4460

■ 169.2780, -1.7970,
49.1070

■ 63.2620, -4.8680,
44.1880

■ 193.7980, 8.0620,
41.1340

■ 35.7890, -4.9140,
45.0220

■ 218.0190, 17.3250,
32.9490

■ 19.5720, -11.9730,
35.2830

■ 235.0420, 9.3500,
17.7820

■ 7.7520, -21.8280,
21.1480

■ 252.0650, 1.3750,
2.6150

■ 6.8910, -15.2700,
12.4260

■ 3.2090, -7.6580,

6.6300

0.0000, 0.0000,
0.0000

115.3270, -3.4930,
46.8030

115.3270, -3.4930,
46.8030

100.5970, -3.9530,
55.1430

130.0570, -3.0330,
38.4630

85.8670, -4.4130,
63.4830

144.7870, -2.5730,
30.1230

70.8380, -5.4690,
71.6110

159.8160, -1.5170,
21.9950

56.1080, -5.9290,
79.9510

174.5460, -1.0570,
13.6550

51.6890, -6.0670,
82.4530

188.6890, -0.3220,
5.8380

■ 203.4190, 0.1380,
-2.5020

■ 218.1490, 0.5980,
-10.8420

■ 233.1780, 1.6540,
-18.9700

■ 242.0380, 4.8640,
-22.0800

Harmonies

Analogous

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



92.0950, -103.6210, 11.1870



115.3270, -3.4930, 46.8030



107.1030, 53.2200, 59.7480

Triad

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



115.3270, -3.4930, 46.8030



106.2740, 71.6650, -15.7510



96.2820, -80.9640, -30.5000

Complementary

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



115.3270, -3.4930, 46.8030



169.6730, 3.4930, -46.8030

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.



88.2680, -61.1540, -48.1140



115.3270, -3.4930, 46.8030



103.6620, 37.5570, -36.3870

Square

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



115.3270, -3.4930, 46.8030



103.8630, 87.3850, 18.7530



90.5310, -8.1510, -56.0470



101.2640, -97.7480, -12.6600

Rectangle

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



115.3270, -3.4930, 46.8030



99.6250, 77.9330, 57.9090



90.5310, -8.1510, -56.0470



93.4150, -74.2690, -36.1970

Sweetspot

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



115.3270, -3.4930, 46.8030



223.1810, -1.2870, 17.8250



132.9280, -52.2230, 4.8090



108.5520, -1.1940, 10.6300



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.



115.3270, -3.4930, 46.8030



126.8380, -5.4690, 71.6110



132.0710, 29.8830, 58.6750



92.2220, -0.5050, 3.6470



42.5020, -4.6430, 67.6530



9.1870, -1.4240, 14.8000

Inverse Universe

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



126.3990, 48.7300, 41.9940



143.7590, 74.8600, 64.0440



152.9290, -29.8830, -58.6750



93.2610, 3.7590, 3.4630



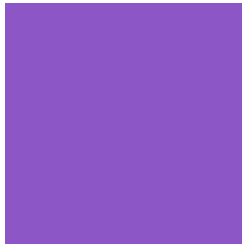
58.3130, 70.1840, 60.6800



12.8160, 15.6780, 13.2300

Previews

White Background



This preview shows how the YIQ color 115.3270, -3.4930, 46.8030 looks on a white background.

Color Contrast Check

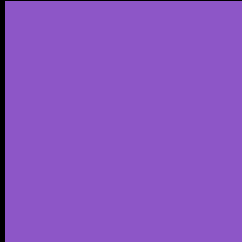
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.3270, -3.4930, 46.8030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

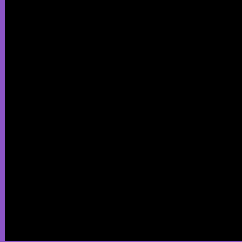
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.3270, -3.4930, 46.8030

Background



This preview shows how black text looks on a background with the YIQ color 115.3270, -3.4930, 46.8030.



This preview shows how white text looks on a background with the YIQ color 115.3270, -3.4930,

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

115.3270, -3.4930, 46.8030

Protanopia

101.6640, -77.1220, 21.0380

Deuteranopia

104.7670, -61.7150, 11.6370



Tritanopia

114.2940, 8.1600, 6.3040

Trichromacy



Original Color

115.3270, -3.4930, 46.8030

Protanomaly

106.7060, -50.5770, 30.0550

Deuteranomaly

108.6930, -40.5350, 24.2730

Tritanomaly

114.5130, 3.7100, 20.8780

Monochromacy



Original Color

115.3270, -3.4930, 46.8030

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.7680, -1.5620, 17.3020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.3270, -3.4930, 46.8030 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(141, 86, 199)` looks like.

```
.text, #text, p{  
    color:rgb(141, 86, 199)  
}
```

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(141, 86, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 86, 199) }
```

Border

The CSS property to change the border of an element to YIQ 115.3270, -3.4930, 46.8030 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(141, 86, 199) }
```


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

```
.border{ border-color:rgb(141, 86, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 86, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 86, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 86, 199);  
box-shadow:4px 4px 4px 4px rgb(141, 86,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 115.3270, -3.4930, 46.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 86, 199) }
```

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

```
.background{ background-color: rgb(141, 86,  
199) }
```

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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