

Converting Colors

YIQ(114.7420, -6.7000, 33.3320)

Have a look what the booklet for
YIQ(114.7420, -6.7000, 33.3320)
contains.

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Color

**YIQ(114.7420, -6.7000,
33.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	815FB3
RGB	129, 95, 179
RGB Percent	51%, 37%, 70%
CMY	0.4940, 0.6275, 0.2981
CMYK	0.28, 0.47, 0.00, 0.30
HSL	264°, 36%, 54%
HSV	264°, 47%, 70%
XYZ	21.2837, 16.1054, 44.6223
YIQ	114.7420, -6.7000, 33.3320

Conversions

Conversions Part 2

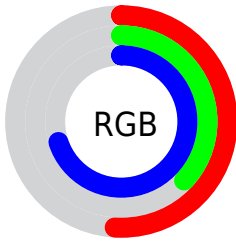
Format	Color
R _Y B	129, 95, 179
Decimal	8478643
CIE Lab	47.11, 31.59, -39.74
CIE LCh	47, 50.768, 308.480
Yxy	16.1054, 0.2595, 0.1964
Android (android.graphics.Color)	4286668723 (0xFF815FB3)
YUV	114.7420, 31.6792, 12.5043
Hunter-Lab	40.1315, 24.4370, -37.8326

Details

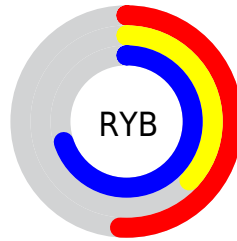
The YIQ color **114.7420, -6.7000, 33.3320** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **159.2580, 6.7000, -33.3320**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5080, -5.9210, 35.7350**, and **64.9760, -7.4790, 30.9290** is the 20% darker color. If you saturate the color by 10%, you get **100.8870, -8.3060, 40.4140**, and if you desaturate by 10%, it is **128.5970, -5.0940, 26.2500**.

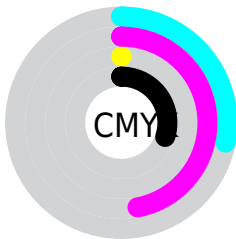
Distribution



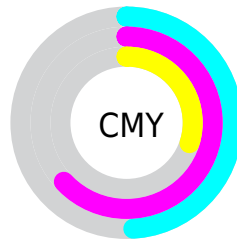
- Red (51%)
- Green (37%)
- Blue (70%)



- Red (51%)
- Yellow (37%)
- Blue (70%)



- Cyan (28%)
- Magenta (47%)
- Yellow (0%)
- Black (30%)



- Cyan (49%)
- Magenta (63%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7420, -6.7000, 33.3320 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 114.7420, -6.7000, 33.3320 by changing the saturation by 10% instead.

■ 114.7420, -6.7000,
33.3320

■ 114.7420, -6.7000,
33.3320

■ 255.0000, -0.0000,
-0.0000

■ 89.8020, -6.9290,
31.9750

■ 167.5080, -5.9210,
35.7350

■ 64.9760, -7.4790,
30.9290

■ 194.0090, -3.0780,
33.7700

■ 41.3240, -8.5790,
28.8370

■ 219.1160, 6.5060,
25.2740

■ 17.6010, -10.9170,
27.1550

■ 239.7380, 7.1500,
13.5980

■ 6.0420, -17.0130,
16.4830

■ 4.5940, -10.1800,
8.2840

■ 0.1140, -0.3210,

0.3110

■ 0.0000, 0.0000,
0.0000

■ 114.7420, -6.7000,
33.3320

■ 114.7420, -6.7000,
33.3320

■ 100.8870, -8.3060,
40.4140

■ 128.5970, -5.0940,
26.2500

■ 87.3310, -9.3160,
47.7080

■ 142.1530, -4.0840,
18.9560

■ 73.4760, -10.9220,
54.7900

■ 156.0080, -2.4780,
11.8740

■ 59.6210, -12.5280,
61.8720

■ 169.8630, -0.8720,
4.7920

■ 46.0650, -13.5380,
69.1660

■ 182.8320, 0.4130,
-1.9790

42.2330, -13.9510,
71.1450

196.6870, 2.0190,
-9.0610

210.5420, 3.6250,
-16.1430

224.0980, 4.6350,
-23.4370

237.3660, 6.5160,
-29.9960

Harmonies

Analogous

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



99.4390, -72.5350, 9.4890



114.7420, -6.7000, 33.3320



113.0430, 35.1130, 40.9770

Triad

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



114.7420, -6.7000, 33.3320



107.8460, 58.5510, -9.3610



91.5060, -75.7830, -30.7830

Complementary

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



114.7420, -6.7000, 33.3320



159.2580, 6.7000, -33.3320

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.



85.3160, -61.1090, -43.4210



114.7420, -6.7000, 33.3320



104.8780, 37.1890, -29.7150

Square

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



114.7420, -6.7000, 33.3320



108.9190, 66.6160, 15.1920



99.9580, -1.3230, -36.6110



95.5930, -88.6690, -17.5090

Rectangle

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



114.7420, -6.7000, 33.3320



109.9280, 54.3700, 38.8980



99.9580, -1.3230, -36.6110



89.7960, -70.9680, -35.4480

Sweetspot

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



114.7420, -6.7000, 33.3320



207.5350, -2.5240, 12.7080



133.9260, -40.7140, -0.0260



101.6720, -1.6520, 7.9160



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



114.7420, -6.7000, 33.3320



132.6670, -10.1420, 51.6660



127.3000, 18.3320, 42.2360



82.2220, -0.5050, 3.6470



35.9800, -12.1610, 60.7270



5.9540, -2.3860, 10.2060

Inverse Universe

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



125.8160, 34.0140, 33.3580



149.6480, 52.7630, 51.5070



146.7000, -18.3320, -42.2360



83.3750, 3.4380, 3.7740



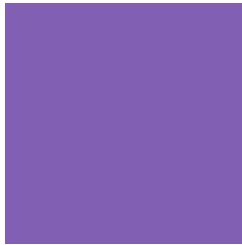
56.1210, 61.9770, 60.7370



9.4840, 10.6810, 10.1770

Previews

White Background



This preview shows how the YIQ color 114.7420, -6.7000, 33.3320 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 114.7420, -6.7000, 33.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

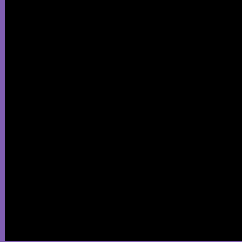
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.7420, -6.7000, 33.3320

Background



This preview shows how black text looks on a background with the YIQ color 114.7420, -6.7000, 33.3320.



This preview shows how white text looks on a background with the YIQ color 114.7420, -6.7000,

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

114.7420, -6.7000, 33.3320

Protanopia

108.5950, -46.3110, 18.8170

Deuteranopia

109.0160, -40.4870, 12.3850



Tritanopia

112.7170, 2.4750, 4.7070

Trichromacy



Original Color

114.7420, -6.7000, 33.3320

Protanomaly

110.7710, -32.0070, 23.9050

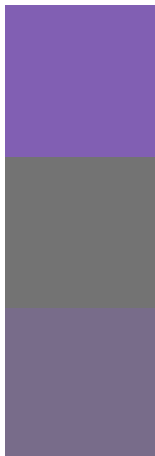
Deuteranomaly

111.2890, -27.8340, 19.8620

Tritanomaly

113.4860, -0.8280, 15.0120

Monochromacy



Original Color

114.7420, -6.7000, 33.3320

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.0080, -2.4780, 11.8740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7420, -6.7000, 33.3320 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(129, 95, 179)` looks like.

```
.text, #text, p{  
    color:rgb(129, 95, 179)  
}
```

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(129, 95, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 95, 179) }
```

Border

The CSS property to change the border of an element to YIQ 114.7420, -6.7000, 33.3320 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(129, 95, 179) }
```


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

```
.border{ border-color:rgb(129, 95, 179) }
```

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

Here you see how a box with a 4 pixel rgb(129, 95, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 95, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 95, 179);  
box-shadow:4px 4px 4px 4px rgb(129, 95,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7420, -6.7000, 33.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 95, 179) }
```

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

```
.background{ background-color: rgb(129, 95,  
179) }
```

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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