

Converting Colors

YIQ(122.7250, 2.2790, 74.3670)

Have a look what the booklet for
YIQ(122.7250, 2.2790, 74.3670)
contains.

YIQ(122.7250, 2.2790, 74.3670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(122.7250, 2.2790,
74.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	AB4AF7
RGB	171, 74, 247
RGB Percent	67%, 29%, 97%
CMY	0.3291, 0.7100, 0.0315
CMYK	0.31, 0.70, 0.00, 0.03
HSL	274°, 92%, 63%
HSV	274°, 70%, 97%
XYZ	36.0431, 20.2732, 89.9834
YIQ	122.7250, 2.2790, 74.3670

Conversions

Conversions Part 2

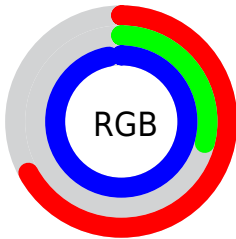
Format	Color
RYB	171, 74, 247
Decimal	11225847
CIELab	52.14, 68.18, -70.19
CIELCh	52, 97.856, 314.166
Yxy	20.2732, 0.2464, 0.1386
Android (android.graphics.Color)	4289415927 (0xFFAB4AF7)
YUV	122.7250, 61.2676, 42.3372
Hunter-Lab	45.0258, 64.0937, -86.9720

Details

The YIQ color **122.7250, 2.2790, 74.3670** is a light color, and the websafe version is hex **9933CC**. The color can be described as light washed purple. A complement of this color would be **198.2750, -2.2790, -74.3670**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **174.4490, 20.0710, 60.2870**, and **55.0340, 6.0830, 82.5230** is the 20% darker color. If you saturate the color by 10%, you get **104.7610, 2.5980, 85.1100**, and if you desaturate by 10%, it is **140.6890, 1.9600, 63.6240**.

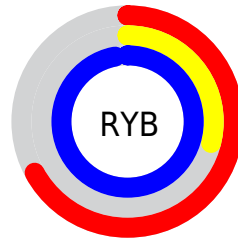
Distribution



Red (67%)

Green (29%)

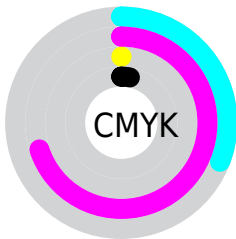
Blue (97%)



Red (67%)

Yellow (29%)

Blue (97%)

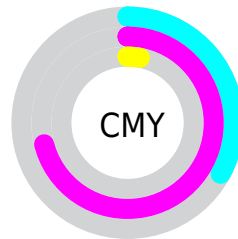


Cyan (31%)

Magenta (70%)

Yellow (0%)

Black (3%)



Cyan (33%)

Magenta (71%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.7250, 2.2790, 74.3670 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 122.7250, 2.2790, 74.3670 by changing the saturation by 10% instead.

122.7250, 2.2790,
74.3670

122.7250, 2.2790,
74.3670

255.0000, -0.0000,
-0.0000

93.1380, 2.5540,
74.8900

174.4490, 20.0710,
60.2870

55.0340, 6.0830,
82.5230

198.0610, 26.6750,
50.7310

42.9860, -3.1300,
67.7660

214.4970, 18.9750,
36.0870

30.3400, -13.5350,
52.5850

231.5200, 11.0000,
20.9200

15.0030, -29.3040,
35.4960

248.5430, 3.0250,
5.7530

9.4620, -26.6430,
25.8130

10.2480, -20.5890,

15.2110

■ 5.2780, -12.1060,
10.1500

■ 1.3680, -3.8520,
3.7320

■ 122.7250, 2.2790,
74.3670

■ 122.7250, 2.2790,
74.3670

■ 104.7610, 2.5980,
85.1100

■ 140.6890, 1.9600,
63.6240

■ 87.3840, 2.6420,
95.3300

■ 158.0660, 1.9160,
53.4040

■ 69.7190, 3.5570,
106.2850

■ 176.0300, 1.5970,
42.6610

■ 193.6950, 0.6820,
31.7060

211.0720, 0.6380,
21.4860

229.0360, 0.3190,
10.7430

247.0000, -0.0000,
-0.0000

254.0880, 2.5680,
-2.4880

Harmonies

Analogous

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



101.2710, -115.6800, 14.9760



122.7250, 2.2790, 74.3670



93.1620, 91.4040, 105.6440

Triad

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



122.7250, 2.2790, 74.3670



116.9610, 82.8520, -14.7480



110.8550, -95.8190, -31.1070

Complementary

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



122.7250, 2.2790, 74.3670



198.2750, -2.2790, -74.3670

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.



99.5350, -66.7000, -57.7400



122.7250, 2.2790, 74.3670



112.4560, 31.9650, -45.1790

Square

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



122.7250, 2.2790, 74.3670



98.1750, 130.6650, 27.3450



86.8760, -40.7000, -77.4040



119.1600, -120.5820, -6.3260

Rectangle

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



122.7250, 2.2790, 74.3670



89.5830, 114.4230, 90.4470



86.8760, -40.7000, -77.4040



107.4350, -86.1890, -40.4370

Sweetspot

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



122.7250, 2.2790, 74.3670



216.4250, 1.1420, 23.3660



139.5080, -76.9830, 13.0090



105.0300, 0.4560, 13.7680



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.



122.7250, 2.2790, 74.3670



101.2760, 2.8260, 91.9940



144.4230, 50.4640, 87.6800



113.4610, 0.3200, 5.2160



52.5990, 2.8740, 80.1060



16.5930, 0.7290, 25.3450

Inverse Universe

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



134.3910, 78.7120, 60.3120



115.7020, 97.3700, 74.6020



176.5770, -50.4640, -87.6800



114.2720, 5.2260, 4.4100



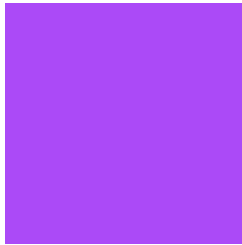
64.9620, 84.5340, 64.9340



20.6050, 26.8180, 20.5940

Previews

White Background



This preview shows how the YIQ color 122.7250, 2.2790, 74.3670 looks on a white background.

Color Contrast Check

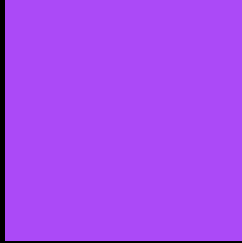
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.7250, 2.2790, 74.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

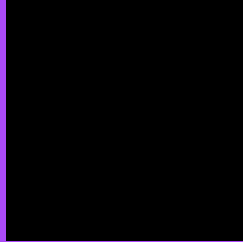
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.7250, 2.2790, 74.3670

Background



This preview shows how black text looks on a background with the YIQ color 122.7250, 2.2790, 74.3670.



This preview shows how white text looks on a background with the YIQ color 122.7250, 2.2790,

74.3670.

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

122.7250, 2.2790, 74.3670

Protanopia

99.3960, -114.5340, 16.2340

Deuteranopia

99.8570, -106.1870, 2.6210



Tritanopia

126.1920, 17.3750, 10.0070

Trichromacy



Original Color

122.7250, 2.2790, 74.3670



Protanomaly

107.6130, -71.9440, 37.3360



Deuteranomaly

108.2680, -66.8990, 28.5010



Tritanomaly

124.9090, 11.8230, 33.5430

Monochromacy



Original Color

122.7250, 2.2790, 74.3670



Achromatopsia

123.0000, -0.0000, -0.0000



Achromatomaly

122.6470, 0.6370, 27.0130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.7250, 2.2790, 74.3670 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(171, 74, 247)` looks like.

```
.text, #text, p{  
    color:rgb(171, 74, 247)  
}
```

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(171, 74, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 74, 247) }
```

Border

The CSS property to change the border of an element to YIQ 122.7250, 2.2790, 74.3670 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(171, 74, 247) }
```


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

```
.border{ border-color:rgb(171, 74, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 74, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 74, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 74, 247);  
box-shadow:4px 4px 4px 4px rgb(171, 74,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 122.7250, 2.2790, 74.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 74, 247) }
```

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

```
.background{ background-color: rgb(171, 74,  
247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor