

Converting Colors

YIQ(102.7570, -0.7470, 74.1410)

Have a look what the booklet for
YIQ(102.7570, -0.7470, 74.1410)
contains.

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Color

**YIQ(102.7570, -0.7470,
74.1410)**

Conversions

Conversions Part 1

Format	Color
Hex	9437E6
RGB	148, 55, 230
RGB Percent	58%, 22%, 90%
CMY	0.4193, 0.7845, 0.0982
CMYK	0.36, 0.76, 0.00, 0.10
HSL	272°, 78%, 56%
HSV	272°, 76%, 90%
XYZ	27.8703, 14.7437, 76.2138
YIQ	102.7570, -0.7470, 74.1410

Conversions

Conversions Part 2

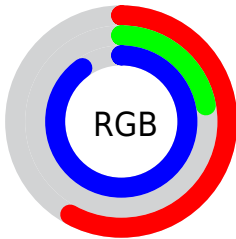
Format	Color
R _Y B	148, 55, 230
Decimal	9713638
CIE Lab	45.28, 68.04, -71.92
CIE LCh	45, 99.002, 313.410
Yxy	14.7437, 0.2345, 0.1241
Android (android.graphics.Color)	4287903718 (0xFF9437E6)
YUV	102.7570, 62.7308, 39.6781
Hunter-Lab	38.3975, 62.3664, -90.8044

Details

The YIQ color $102.7570, -0.7470, 74.1410$ is a dark color, and the websafe version is hex $9900CC$. The color can be described as middle washed purple. A complement of this color would be $182.2430, 0.7470, -74.1410$, and the grayscale version is $102.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $156.4190, 11.5880, 65.3480$, and $46.0340, -3.0850, 72.4590$ is the 20% darker color. If you saturate the color by 10%, you get $85.9670, -0.9780, 83.8380$, and if you desaturate by 10%, it is $119.5470, -0.5160, 64.4440$.

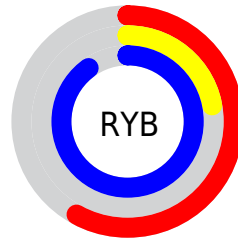
Distribution



Red (58%)

Green (22%)

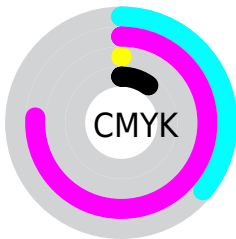
Blue (90%)



Red (58%)

Yellow (22%)

Blue (90%)

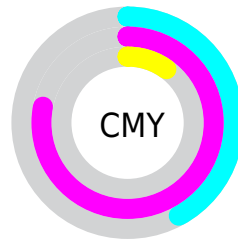


Cyan (36%)

Magenta (76%)

Yellow (0%)

Black (10%)



Cyan (42%)

Magenta (78%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.7570, -0.7470, 74.1410 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 102.7570, -0.7470, 74.1410 by changing the saturation by 10% instead.

102.7570, -0.7470,
74.1410

102.7570, -0.7470,
74.1410

255.0000, -0.0000,
-0.0000

70.5230, 0.0320,
76.5440

156.4190, 11.5880,
65.3480

46.0340, -3.0850,
72.4590

181.8250, 21.7680,
57.0640

33.6870, -12.8940,
57.4900

203.3440, 24.2000,
46.0240

17.7520, -29.8550,
39.9770

220.3670, 16.2250,
30.8570

10.6020, -29.8530,
28.9230

237.3900, 8.2500,
15.6900

10.2140, -23.2490,
19.3670

254.4130, 0.2750,

6.8910, -15.2700,

0.5230

12.4260

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 102.7570, -0.7470,
74.1410

■ 102.7570, -0.7470,
74.1410

■ 85.9670, -0.9780,
83.8380

■ 119.5470, -0.5160,
64.4440

■ 69.4760, -0.6130,
93.7470

■ 136.3370, -0.2850,
54.7470

■ 62.6980, -1.1180,
97.3940

■ 152.8280, -0.6500,
44.8380

■ 169.6180, -0.4190,
35.1410

■ 186.4080, -0.1880,
25.4440

■ 203.1980, 0.0430,
15.7470

■ 219.6890, -0.3220,
5.8380

■ 236.4790, -0.0910,
-3.8590

■ 249.1600, 2.0650,
-9.8950

Harmonies

Analogous

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



92.4660, -111.5550, 22.8210



102.7570, -0.7470, 74.1410



85.1730, 83.7030, 96.5270

Triad

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



102.7570, -0.7470, 74.1410



100.7140, 76.4780, -9.3620



97.4220, -84.1740, -27.3900

Complementary

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



102.7570, -0.7470, 74.1410



182.2430, 0.7470, -74.1410

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.



85.5150, -54.7800, -53.5000



102.7570, -0.7470, 74.1410



97.0950, 25.9120, -40.1040

Square

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



102.7570, -0.7470, 74.1410



65.4810, 130.5240, 46.4280



75.7230, -35.4750, -67.4670



106.3140, -109.2120, -3.1320

Rectangle

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



102.7570, -0.7470, 74.1410



83.9860, 111.4900, 83.0260



75.7230, -35.4750, -67.4670



93.5290, -74.5900, -35.8860

Sweetspot

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



102.7570, -0.7470, 74.1410



212.2940, 0.1330, 25.1330



124.8450, -79.5500, 9.9700



101.7850, -0.2320, 15.2240



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.



102.7570, -0.7470, 74.1410



86.2250, -1.1640, 98.2280



126.9330, 49.0880, 90.5920



106.1620, -0.2760, 5.0040



48.8110, -0.8390, 75.8090



13.8870, -0.2790, 21.5850

Inverse Universe

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



116.6730, 77.9780, 62.6020



104.7940, 103.2830, 83.0830



158.0670, -49.0880, -90.5920



107.2720, 5.2260, 4.4100



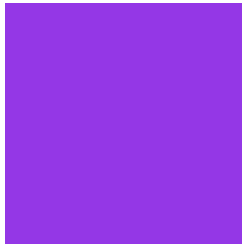
63.0970, 79.7200, 64.0720



17.9850, 22.6920, 18.2760

Previews

White Background



This preview shows how the YIQ color 102.7570, -0.7470, 74.1410 looks on a white background.

Color Contrast Check

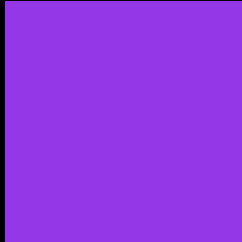
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.7570, -0.7470, 74.1410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

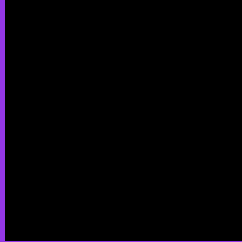
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 102.7570, -0.7470, 74.1410

Background



This preview shows how black text looks on a background with the YIQ color 102.7570, -0.7470, 74.1410.



This preview shows how white text looks on a background with the YIQ color 102.7570, -0.7470,

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

102.7570, -0.7470, 74.1410

Protanopia

86.0140, -98.8990, 13.7170

Deuteranopia

86.2300, -91.2400, 1.5600



Tritanopia

108.7890, 11.1400, 7.3640

Trichromacy



Original Color

102.7570, -0.7470, 74.1410



Protanomaly

92.0500, -63.0490, 35.8230



Deuteranomaly

92.3460, -58.3710, 28.1330



Tritanomaly

106.5170, 7.0550, 31.8470

Monochromacy



Original Color

102.7570, -0.7470, 74.1410



Achromatopsia

103.0000, -0.0000, 0.0000



Achromatomaly

103.0490, -0.5550, 26.5890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.7570, -0.7470, 74.1410 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(148, 55, 230)` looks like.

```
.text, #text, p{  
    color:rgb(148, 55, 230)  
}
```

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(148, 55, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 55, 230) }
```

Border

The CSS property to change the border of an element to YIQ 102.7570, -0.7470, 74.1410 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(148, 55, 230) }
```


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

```
.border{ border-color:rgb(148, 55, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 55, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 55, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 55, 230);  
box-shadow:4px 4px 4px 4px rgb(148, 55,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 102.7570, -0.7470, 74.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 55, 230) }
```

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

```
.background{ background-color: rgb(148, 55,  
230) }
```

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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