

Converting Colors

YIQ(102.5270, 1.0950, 29.7270)

Have a look what the booklet for
YIQ(102.5270, 1.0950, 29.7270)
contains.

YIQ(102.5270, 1.0950, 29.7270)	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(102.5270, 1.0950,
29.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5398
RGB	122, 83, 152
RGB Percent	48%, 33%, 60%
CMY	0.5214, 0.6746, 0.4040
CMYK	0.20, 0.45, 0.00, 0.40
HSL	274°, 29%, 46%
HSV	274°, 45%, 60%
XYZ	16.7894, 12.5907, 31.2457
YIQ	102.5270, 1.0950, 29.7270

Conversions

Conversions Part 2

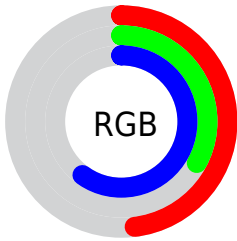
Format	Color
RYB	122, 83, 152
Decimal	8016792
CIELab	42.14, 29.94, -31.68
CIELCh	42, 43.589, 313.386
Yxy	12.5907, 0.2769, 0.2077
Android (android.graphics.Color)	4286206872 (0xFF7A5398)
YUV	102.5270, 24.3902, 17.0778
Hunter-Lab	35.4834, 22.3636, -27.3708

Details

The YIQ color **102.5270, 1.0950, 29.7270** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.4730, -1.0950, -29.7270**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.2930, 1.8740, 32.1300**, and **53.8750, -0.0050, 27.6350** is the 20% darker color. If you saturate the color by 10%, you get **91.6290, 1.0480, 36.0880**, and if you desaturate by 10%, it is **113.4250, 1.1420, 23.3660**.

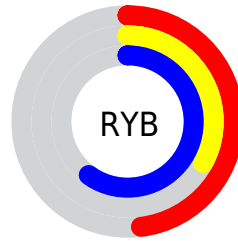
Distribution



Red (48%)

Green (33%)

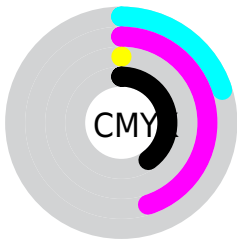
Blue (60%)



Red (48%)

Yellow (33%)

Blue (60%)

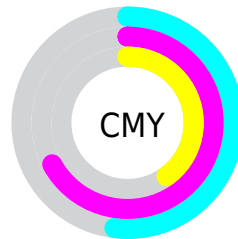


Cyan (20%)

Magenta (45%)

Yellow (0%)

Black (40%)



Cyan (52%)

Magenta (67%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.5270, 1.0950, 29.7270 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 102.5270, 1.0950, 29.7270 by changing the saturation by 10% instead.

102.5270, 1.0950,
29.7270

102.5270, 1.0950,
29.7270

255.0000, -0.0000,
-0.0000

77.7010, 0.5450,
28.6810

154.2930, 1.8740,
32.1300

53.8750, -0.0050,
27.6350

181.7060, 2.1490,
32.6530

30.9350, -0.2340,
26.2780

208.2070, 4.9920,
30.6880

13.8160, -1.5170,
21.9950

231.5200, 11.0000,
20.9200

4.7080, -10.5010,
8.5950

248.5430, 3.0250,
5.7530

0.2280, -0.6420,
0.6220

0.0000, 0.0000,

0.0000

■ 102.5270, 1.0950,
29.7270

■ 102.5270, 1.0950,
29.7270

■ 91.6290, 1.0480,
36.0880

■ 113.4250, 1.1420,
23.3660

■ 81.0300, 1.5970,
42.6610

■ 124.0240, 0.5930,
16.7930

■ 69.5450, 1.8250,
49.5450

■ 135.5090, 0.3650,
9.9090

■ 58.9460, 2.3740,
56.1180

■ 146.1080, -0.1840,
3.3360

■ 48.0480, 2.3270,
62.4790

■ 157.0060, -0.1370,
-3.0250

■ 43.0420, 2.4640,
65.5040

■ 167.9040, -0.0900,
-9.3860

■ 178.5030, -0.6390,
-15.9590

■ 189.9880, -0.8670,
-22.8430

■ 200.5870, -1.4160,
-29.4160

Harmonies

Analogous

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



95.1450, -45.1640, 14.5480



102.5270, 1.0950, 29.7270



100.3430, 33.9680, 34.1920

Triad

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



102.5270, 1.0950, 29.7270



96.2730, 47.0430, -10.0530



81.7890, -69.0900, -25.4260

Complementary

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



102.5270, 1.0950, 29.7270



132.4730, -1.0950, -29.7270

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.



76.3970, -56.6630, -35.8870



102.5270, 1.0950, 29.7270



93.7660, 26.0010, -25.1910

Square

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



102.5270, 1.0950, 29.7270



97.4830, 55.9800, 9.7080



89.0100, -7.1010, -31.0130



84.3770, -79.1330, -14.1170

Rectangle

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



102.5270, 1.0950, 29.7270



98.8360, 48.4570, 30.4170



89.0100, -7.1010, -31.0130



80.4210, -65.2380, -29.1580

Sweetspot

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



102.5270, 1.0950, 29.7270



176.5630, 0.2730, 11.5770



109.0630, -30.6740, 5.2460



87.5150, 0.2280, 6.8840



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



102.5270, 1.0950, 29.7270



120.0240, 1.7340, 45.6860



111.1550, 19.9380, 35.1540



71.1080, -0.1840, 3.3360



39.5810, 2.1440, 60.2880



3.5750, -0.0010, 5.5270

Inverse Universe

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



107.0510, 31.4940, 23.9580



126.9380, 48.4100, 36.7780



123.8450, -19.9380, -35.1540



71.7340, 3.8050, 2.6290



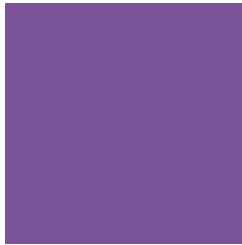
48.8140, 63.8590, 48.6510



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 102.5270, 1.0950, 29.7270 looks on a white background.

Color Contrast Check

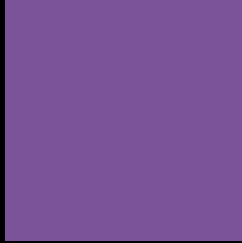
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.5270, 1.0950, 29.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

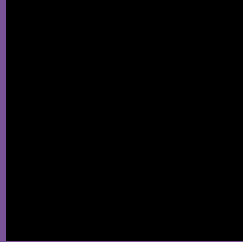
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 102.5270, 1.0950, 29.7270

Background



This preview shows how black text looks on a background with the YIQ color 102.5270, 1.0950, 29.7270.



This preview shows how white text looks on a background with the YIQ color 102.5270, 1.0950,

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

102.5270, 1.0950, 29.7270

Protanopia

97.8640, -37.0030, 15.3250

Deuteranopia

98.4210, -28.5660, 11.0980



Tritanopia

100.8920, 9.3520, 6.7280

Trichromacy



Original Color

102.5270, 1.0950, 29.7270

Protanomaly

99.7410, -23.2950, 20.2010

Deuteranomaly

99.7970, -17.7010, 17.9390

Tritanomaly

101.4930, 6.4620, 15.0540

Monochromacy



Original Color

102.5270, 1.0950, 29.7270

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.0360, 0.3190, 10.7430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.5270, 1.0950, 29.7270 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(122, 83, 152)` looks like.

```
.text, #text, p{  
    color:rgb(122, 83, 152)  
}
```

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(122, 83, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 83, 152) }
```

Border

The CSS property to change the border of an element to YIQ 102.5270, 1.0950, 29.7270 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(122, 83, 152) }
```


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

```
.border{ border-color:rgb(122, 83, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 83, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 83, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 83, 152);  
box-shadow:4px 4px 4px 4px rgb(122, 83,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 102.5270, 1.0950, 29.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 83, 152) }
```

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

```
.background{ background-color: rgb(122, 83,  
152) }
```

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