

Converting Colors

YIQ(122.4280, 78.4310, 92.9510)

Have a look what the booklet for
YIQ(122.4280, 78.4310, 92.9510)
contains.

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Color

**YIQ(122.4280, 78.4310,
92.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	FF29C2
RGB	255, 41, 194
RGB Percent	100%, 16%, 76%
CMY	0.0000, 0.8395, 0.2390
CMYK	0.00, 0.84, 0.24, 0.00
HSL	317°, 100%, 58%
HSV	317°, 84%, 100%
XYZ	51.7730, 26.7369, 53.4999
YIQ	122.4280, 78.4310, 92.9510

Conversions

Conversions Part 2

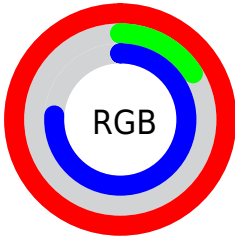
Format	Color
RYB	255, 41, 194
Decimal	16722370
CIELab	58.73, 86.23, -28.97
CIELCh	59, 90.968, 341.427
Yxy	26.7369, 0.3922, 0.2025
Android (android.graphics.Color)	4294912450 (0xFFFF29C2)
YUV	122.4280, 35.2850, 116.2656
Hunter-Lab	51.7078, 88.2365, -25.1495

Details

The YIQ color **122.4280, 78.4310, 92.9510** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **173.5720, -78.4310, -92.9510**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **172.3640, 39.7840, 71.9760**, and **73.6670, 70.0880, 84.4560** is the 20% darker color. If you saturate the color by 10%, you get **106.3680, 87.8280, 104.3720**, and if you desaturate by 10%, it is **137.9010, 69.3090, 82.0530**.

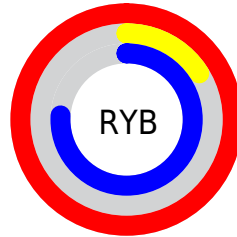
Distribution



Red (100%)

Green (16%)

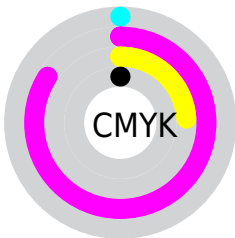
Blue (76%)



Red (100%)

Yellow (16%)

Blue (76%)

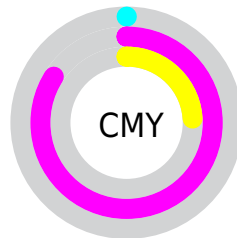


Cyan (0%)

Magenta (84%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (84%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.4280, 78.4310, 92.9510 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 122.4280, 78.4310, 92.9510 by changing the saturation by 10% instead.


 122.4280, 78.4310,
92.9510


 122.4280, 78.4310,
92.9510


255.0000, -0.0000,
-0.0000


 86.0140, 79.8970,
99.4250


 172.3640, 39.7840,
71.9760


 73.6670, 70.0880,
84.4560


 191.0170, 29.9750,
57.0070


 61.7330, 60.5540,
70.0100


 209.2140, 21.4500,
40.7940

 49.9130, 50.6990,
55.8750

 226.8240, 13.2000,
25.1040

 38.3210, 40.2020,
42.3620

 245.0210, 4.6750,
8.8910

 27.6260, 31.4930,
29.4850

 15.8490, 20.0790,

16.0710

■ 0.0000, 0.0000,
0.0000

■ 122.4280, 78.4310,
92.9510

■ 122.4280, 78.4310,
92.9510

■ 106.3680, 87.8280,
104.3720

■ 137.9010, 69.3090,
82.0530

■ 96.9930, 93.5580,
110.6620

■ 154.0750, 59.5910,
70.9430

■ 169.5480, 50.4690,
60.0450

■ 185.6080, 41.0720,
48.6240

■ 201.0810, 31.9500,
37.7260

■ 217.2550, 22.2320,
26.6160

■ 232.7280, 13.1100,
15.7180

■ 248.7880, 3.7130,
4.2970

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



142.1660, -3.8170, 63.6950



122.4280, 78.4310, 92.9510



89.3550, 115.0650, 89.8250

Triad

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



122.4280, 78.4310, 92.9510



129.9320, 45.1240, -46.8760



129.5950, -126.5410, -13.9730

Complementary

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



122.4280, 78.4310, 92.9510



173.5720, -78.4310, -92.9510

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.



122.2190, -103.0160, -38.3440



122.4280, 78.4310, 92.9510



106.7330, -24.2400, -78.3520

Square

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



122.4280, 78.4310, 92.9510



132.9420, 93.0310, -17.5050



110.8820, -75.2270, -62.8990



125.3380, -126.9550, -6.4670

Rectangle

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



122.4280, 78.4310, 92.9510



113.9510, 117.4570, 46.4570



110.8820, -75.2270, -62.8990



127.5600, -119.4330, -21.6490

Sweetspot

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



122.4280, 78.4310, 92.9510



215.3800, 23.3780, 27.8740



83.6350, -32.3380, 79.4860



103.8530, 14.2560, 16.9760



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.



122.4280, 78.4310, 92.9510



96.9930, 93.5580, 110.6620



110.2300, 112.7780, 59.6740



119.9130, 4.8590, 5.5550



72.7270, 69.8590, 83.0990



24.3800, 23.3780, 27.8740

Inverse Universe

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



122.4280, 78.4310, 92.9510



96.9930, 93.5580, 110.6620



185.7700, -112.7780, -59.6740



119.9130, 4.8590, 5.5550



72.7270, 69.8590, 83.0990



24.3800, 23.3780, 27.8740

Previews

White Background



This preview shows how the YIQ color 122.4280, 78.4310, 92.9510 looks on a white background.

Color Contrast Check

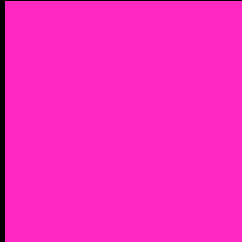
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.4280, 78.4310, 92.9510 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 122.4280, 78.4310, 92.9510

Background



This preview shows how black text looks on a background with the YIQ color 122.4280, 78.4310, 92.9510.



This preview shows how white text looks on a background with the YIQ color 122.4280, 78.4310,

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

122.4280, 78.4310, 92.9510

Protanopia

135.4910, -69.1450, 25.1510

Deuteranopia

142.4070, -16.7830, 12.3130



Tritanopia

133.1930, 95.8640, 35.8000

Trichromacy



Original Color

122.4280, 78.4310, 92.9510



Protanomaly

130.9760, -15.5060, 49.7580



Deuteranomaly

134.8870, 18.0570, 41.7130



Tritanomaly

129.1440, 89.5330, 56.9330

Monochromacy



Original Color

122.4280, 78.4310, 92.9510



Achromatopsia

122.0000, 0.0000, -0.0000



Achromatomaly

122.2930, 28.2370, 33.4290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.4280, 78.4310, 92.9510 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(255, 41, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 194)  
}
```

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(255, 41, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 194) }
```

Border

The CSS property to change the border of an element to YIQ 122.4280, 78.4310, 92.9510 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(255, 41, 194) }
```


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

```
.border{ border-color:rgb(255, 41, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 122.4280, 78.4310, 92.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 194) }
```

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

```
.background{ background-color: rgb(255, 41,  
194) }
```

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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