

Converting Colors

YIQ(127.3100, 41.0170, 99.2010)

Have a look what the booklet for
YIQ(127.3100, 41.0170, 99.2010)
contains.

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Color

**YIQ(127.3100, 41.0170,
99.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	E434FB
RGB	228, 52, 251
RGB Percent	89%, 20%, 98%
CMY	0.1053, 0.7963, 0.0157
CMYK	0.09, 0.79, 0.00, 0.02
HSL	293°, 96%, 59%
HSV	293°, 79%, 98%
XYZ	50.6765, 25.9312, 93.6029
YIQ	127.3100, 41.0170, 99.2010

Conversions

Conversions Part 2

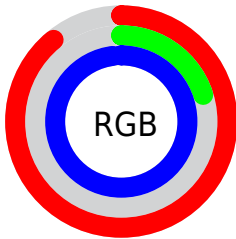
Format	Color
R _Y B	228, 52, 251
Decimal	14955771
CIE Lab	57.97, 86.60, -62.63
CIE LCh	58, 106.872, 324.123
Yxy	25.9312, 0.2977, 0.1523
Android (android.graphics.Color)	4293145851 (0xFFE434FB)
YUV	127.3100, 60.9792, 88.3051
Hunter-Lab	50.9227, 88.5221, -73.3372

Details

The YIQ color **127.3100, 41.0170, 99.2010** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **175.6900, -41.0170, -99.2010**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.1680, 37.4000, 71.1280**, and **72.2340, 38.1750, 95.6390** is the 20% darker color. If you saturate the color by 10%, you get **111.7380, 46.1040, 111.6400**, and if you desaturate by 10%, it is **142.8820, 35.9300, 86.7620**.

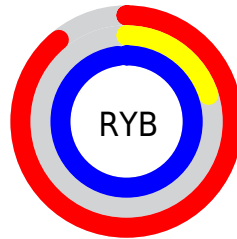
Distribution



Red (89%)

Green (20%)

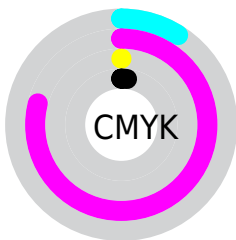
Blue (98%)



Red (89%)

Yellow (20%)

Blue (98%)

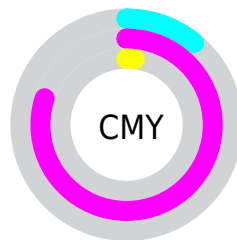


Cyan (9%)

Magenta (79%)

Yellow (0%)

Black (2%)



Cyan (11%)


Magenta (80%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.3100, 41.0170, 99.2010 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 127.3100, 41.0170, 99.2010 by changing the saturation by 10% instead.


 127.3100, 41.0170,
99.2010


 127.3100, 41.0170,
99.2010


255.0000, -0.0000,
-0.0000


 84.5100, 46.7460,
111.0180


 175.1680, 37.4000,
71.1280


 72.2340, 38.1750,
95.6390


 193.3650, 28.8750,
54.9150


 60.1860, 28.9620,
80.8820


 210.9750, 20.6250,
39.2250

 48.4370, 20.3450,
66.3370

 228.5850, 12.3750,
23.5350

 36.3890, 11.1320,
51.5800

 246.1950, 4.1250,
7.8450

 25.4660, 3.0650,
38.0810

 11.5530, -10.9620,

22.4620

■ 6.2070, -13.3440,
10.5600

■ 2.5250, -5.7320,
4.7640

■ 127.3100, 41.0170,
99.2010

■ 127.3100, 41.0170,
99.2010

■ 111.7380, 46.1040,
111.6400

■ 142.8820, 35.9300,
86.7620

■ 96.1660, 51.1910,
124.0790

■ 158.4540, 30.8430,
74.3230

■ 94.9920, 51.7410,
125.1250

■ 174.0260, 25.7560,
61.8840

■ 189.5980, 20.6690,
49.4450

205.1700, 15.5820,
37.0060

221.0300, 9.6240,
23.8320

236.6020, 4.5370,
11.3930

252.1740, -0.5500,
-1.0460

254.2450, 0.6880,
-1.4560

Harmonies

Analogous

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



103.3530, -112.9750, 15.5130



127.3100, 41.0170, 99.2010



94.7130, 99.9780, 104.4420

Triad

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



127.3100, 41.0170, 99.2010



131.6250, 74.5100, -28.7700



127.7080, -117.0940, -25.4940

Complementary

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



127.3100, 41.0170, 99.2010



175.6900, -41.0170, -99.2010

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.



115.4760, -85.4070, -54.6150



127.3100, 41.0170, 99.2010



119.9770, 13.7200, -61.4480

Square

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



127.3100, 41.0170, 99.2010



121.4220, 127.8710, 11.8950



99.2030, -46.4750, -88.3870



130.6210, -129.4300, -11.1740

Rectangle

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



127.3100, 41.0170, 99.2010



87.7590, 119.5590, 85.4710



99.2030, -46.4750, -88.3870



124.1740, -107.1430, -35.1350

Sweetspot

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



127.3100, 41.0170, 99.2010



217.1000, 12.6030, 30.4190



88.1870, -70.2040, 49.8600



104.7860, 7.1950, 18.2910



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.



127.3100, 41.0170, 99.2010



104.5740, 49.8620, 120.6300



125.5230, 79.1210, 80.4410



117.0700, 2.9790, 6.5870



71.4790, 38.8630, 94.1830



23.1000, 12.6030, 30.4190

Inverse Universe

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



114.1230, 111.2210, 49.3410



88.5500, 135.2440, 60.0120



177.4770, -79.1210, -80.4410



116.1150, 7.1060, 3.3780



59.0190, 105.5820, 46.9100



19.0370, 34.1090, 15.1090

Previews

White Background



This preview shows how the YIQ color 127.3100, 41.0170, 99.2010 looks on a white background.

Color Contrast Check

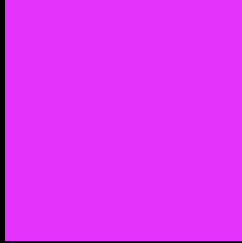
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.3100, 41.0170, 99.2010 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 127.3100, 41.0170, 99.2010

Background



This preview shows how black text looks on a background with the YIQ color 127.3100, 41.0170, 99.2010.



This preview shows how white text looks on a background with the YIQ color 127.3100, 41.0170,

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

127.3100, 41.0170, 99.2010

Protanopia

131.9250, -73.3630, 24.5010

Deuteranopia

129.9320, -75.2410, 14.4790



Tritanopia

139.0080, 59.4160, 24.5360

Trichromacy



Original Color

127.3100, 41.0170, 99.2010

Protanomaly

130.0590, -31.7370, 52.0630

Deuteranomaly

129.3590, -32.8820, 45.2780

Tritanomaly

134.6480, 52.7630, 51.5070

Monochromacy



Original Color

127.3100, 41.0170, 99.2010

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.3440, 15.0320, 35.9600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.3100, 41.0170, 99.2010 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(228, 52, 251)` looks like.

```
.text, #text, p{  
    color:rgb(228, 52, 251)  
}
```

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(228, 52, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 52, 251) }
```

Border

The CSS property to change the border of an element to YIQ 127.3100, 41.0170, 99.2010 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(228, 52, 251) }
```


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

```
.border{ border-color:rgb(228, 52, 251) }
```

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

Here you see how a box with a 4 pixel rgb(228, 52, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 52, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 52, 251);  
box-shadow:4px 4px 4px 4px rgb(228, 52,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 127.3100, 41.0170, 99.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 52, 251) }
```

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

```
.background{ background-color: rgb(228, 52,  
251) }
```

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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