

Converting Colors

YIQ(124.6840, 37.0280, 99.9080)

Have a look what the booklet for
YIQ(124.6840, 37.0280, 99.9080)
contains.

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Color

**YIQ(124.6840, 37.0280,
99.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	DE32FE
RGB	222, 50, 254
RGB Percent	87%, 20%, 100%
CMY	0.1289, 0.8042, 0.0039
CMYK	0.13, 0.80, 0.00, 0.00
HSL	291°, 99%, 60%
HSV	291°, 80%, 100%
XYZ	49.1926, 24.9818, 95.9928
YIQ	124.6840, 37.0280, 99.9080

Conversions

Conversions Part 2

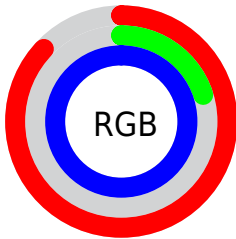
Format	Color
R _Y B	222, 50, 254
Decimal	14562046
CIE Lab	57.06, 86.54, -65.81
CIE LCh	57, 108.721, 322.747
Yxy	24.9818, 0.2891, 0.1468
Android (android.graphics.Color)	4292752126 (0xFFDE32FE)
YUV	124.6840, 63.7528, 85.3461
Hunter-Lab	49.9818, 88.2131, -78.8823

Details

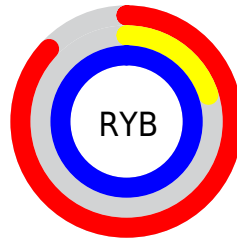
The YIQ color **124.6840, 37.0280, 99.9080** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **179.3160, -37.0280, -99.9080**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.5810, 37.6750, 71.6510**, and **70.7820, 33.6360, 95.3000** is the 20% darker color. If you saturate the color by 10%, you get **108.8130, 41.5190, 112.1350**, and if you desaturate by 10%, it is **140.5550, 32.5370, 87.6810**.

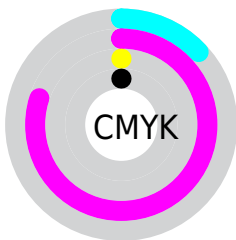
Distribution



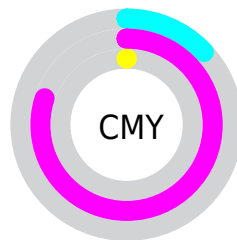
- Red (87%)
- Green (20%)
- Blue (100%)



- Red (87%)
- Yellow (20%)
- Blue (100%)



- Cyan (13%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 124.6840, 37.0280, 99.9080 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 124.6840, 37.0280, 99.9080 by changing the saturation by 10% instead.


 124.6840, 37.0280,
99.9080


 124.6840, 37.0280,
99.9080


255.0000, -0.0000,
-0.0000


 83.0580, 42.2070,
110.6790


 173.9940, 37.9500,
72.1740


 70.7820, 33.6360,
95.3000


 192.1910, 29.4250,
55.9610


 58.6200, 24.7440,
80.2320


 209.8010, 21.1750,
40.2710

 46.8710, 16.1270,
65.6870

 227.4110, 12.9250,
24.5810

 34.9370, 6.5930,
51.2410

 245.0210, 4.6750,
8.8910

 23.3020, -2.3450,
37.0070

 7.4100, -20.8650,

20.2150

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 124.6840, 37.0280,
99.9080

■ 124.6840, 37.0280,
99.9080

■ 108.8130, 41.5190,
112.1350

■ 140.5550, 32.5370,
87.6810

■ 92.9420, 46.0100,
124.3620

■ 157.0130, 27.7710,
74.9310

■ 172.8840, 23.2800,
62.7040

■ 189.3420, 18.5140,
49.9540

■ 205.2130, 14.0230,
37.7270

■ 221.0840, 9.5320,
25.5000

■ 237.5420, 4.7660,
12.7500

■ 253.4130, 0.2750,
0.5230

■ 254.8860, 0.3210,
-0.3110

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



124.6840, 37.0280, 99.9080



94.9410, 99.3360, 105.0640

Triad

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



124.6840, 37.0280, 99.9080



129.5760, 76.2060, -26.4660



125.9640, -114.9390, -26.0030

Complementary

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



124.6840, 37.0280, 99.9080



179.3160, -37.0280, -99.9080

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.



113.5040, -82.6100, -55.7460



124.6840, 37.0280, 99.9080



118.5150, 15.1410, -59.6670

Square

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



124.6840, 37.0280, 99.9080



117.0250, 130.6670, 16.2910



97.4420, -45.6500, -86.8180



129.4470, -128.8800, -10.1280

Rectangle

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



124.6840, 37.0280, 99.9080



87.8730, 119.2380, 85.7820



97.4420, -45.6500, -86.8180



121.7290, -104.3920, -35.4320

Sweetspot

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



124.6840, 37.0280, 99.9080



216.2030, 10.8150, 29.7830



93.2140, -74.8340, 45.6620



104.4870, 6.5990, 18.0790



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.



124.6840, 37.0280, 99.9080



99.8230, 44.7270, 120.0790



126.5000, 77.9280, 85.5440



119.7710, 2.3830, 6.3750



69.9130, 34.6450, 93.5330



23.4420, 11.6400, 31.3520

Inverse Universe

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



114.6440, 111.3120, 53.2000



87.5870, 133.8220, 63.7580



177.5000, -77.9280, -85.5440



119.1150, 7.1060, 3.3780



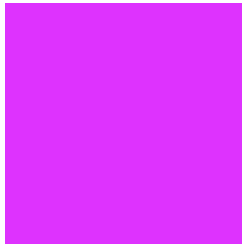
60.5290, 104.2060, 49.8220



20.2760, 34.9340, 16.6780

Previews

White Background



This preview shows how the YIQ color 124.6840, 37.0280, 99.9080 looks on a white background.

Color Contrast Check

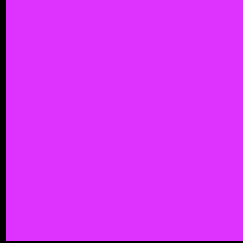
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.6840, 37.0280, 99.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

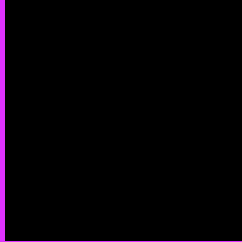
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.6840, 37.0280, 99.9080

Background



This preview shows how black text looks on a background with the YIQ color 124.6840, 37.0280, 99.9080.



This preview shows how white text looks on a background with the YIQ color 124.6840, 37.0280,

99.9080.

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

124.6840, 37.0280, 99.9080

Protanopia

128.0710, -76.7100, 24.5860

Deuteranopia

123.6040, -86.0610, 12.3310



Tritanopia

137.5020, 54.9690, 22.5290

Trichromacy



Original Color

124.6840, 37.0280, 99.9080



Protanomaly

126.9060, -35.6800, 51.9360



Deuteranomaly

124.2270, -41.3180, 43.9780



Tritanomaly

133.0820, 48.5450, 50.8570

Monochromacy



Original Color

124.6840, 37.0280, 99.9080



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.9740, 13.1980, 36.1580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.6840, 37.0280, 99.9080 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(222, 50, 254)` looks like.

```
.text, #text, p{  
    color:rgb(222, 50, 254)  
}
```

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(222, 50, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 50, 254) }
```

Border

The CSS property to change the border of an element to YIQ 124.6840, 37.0280, 99.9080 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(222, 50, 254) }
```


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

```
.border{ border-color:rgb(222, 50, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 50, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 50, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 50, 254);  
box-shadow:4px 4px 4px 4px rgb(222, 50,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 124.6840, 37.0280, 99.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 50, 254) }
```

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

```
.background{ background-color: rgb(222, 50,  
254) }
```

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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