

Converting Colors

YIQ(124.1440, 37.9480, 83.2280)

Have a look what the booklet for
YIQ(124.1440, 37.9480, 83.2280)
contains.

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Color

**YIQ(124.1440, 37.9480,
83.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	D43CE0
RGB	212, 60, 224
RGB Percent	83%, 24%, 88%
CMY	0.1682, 0.7649, 0.1215
CMYK	0.05, 0.73, 0.00, 0.12
HSL	296°, 73%, 56%
HSV	296°, 73%, 88%
XYZ	42.2534, 22.6218, 72.6647
YIQ	124.1440, 37.9480, 83.2280

Conversions

Conversions Part 2

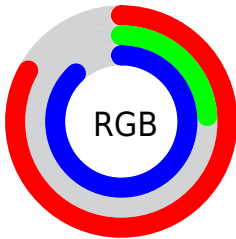
Format	Color
R _{YB}	212, 60, 224
Decimal	13909216
CIE Lab	54.68, 76.94, -52.91
CIE LCh	55, 93.383, 325.484
Yxy	22.6218, 0.3072, 0.1645
Android (android.graphics.Color)	4292099296 (0xFFD43CE0)
YUV	124.1440, 49.2290, 77.0497
Hunter-Lab	47.5624, 75.3411, -57.2881

Details

The YIQ color **124.1440, 37.9480, 83.2280** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **159.8560, -37.9480, -83.2280**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.9290, 36.5750, 69.5590**, and **64.8990, 37.2600, 84.6840** is the 20% darker color. If you saturate the color by 10%, you get **110.6320, 42.8060, 94.3100**, and if you desaturate by 10%, it is **137.6560, 33.0900, 72.1460**.

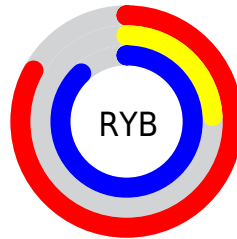
Distribution



Red (83%)

Green (24%)

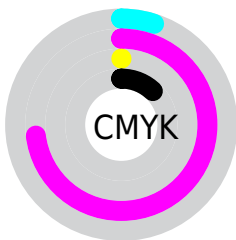
Blue (88%)



Red (83%)

Yellow (24%)

Blue (88%)

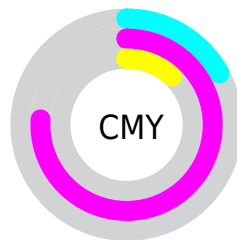


Cyan (5%)

Magenta (73%)

Yellow (0%)

Black (12%)



Cyan (17%)


Magenta (76%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 124.1440, 37.9480, 83.2280 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 124.1440, 37.9480, 83.2280 by changing the saturation by 10% instead.


 124.1440, 37.9480,
83.2280


 124.1440, 37.9480,
83.2280


255.0000, -0.0000,
-0.0000


 85.5670, 41.4310,
91.6950


 176.9290, 36.5750,
69.5590


 64.8990, 37.2600,
84.6840


 193.9520, 28.6000,
54.3920


 53.1500, 28.6430,
70.1390


 210.9750, 20.6250,
39.2250

 41.8140, 20.3010,
56.1170

 228.5850, 12.3750,
23.5350

 30.4780, 11.9590,
42.0950

 246.1950, 4.1250,
7.8450

 19.3700, 2.9750,
28.6950

 4.7880, -13.4820,

13.0620

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 124.1440, 37.9480,
83.2280

■ 124.1440, 37.9480,
83.2280

■ 110.6320, 42.8060,
94.3100

■ 137.6560, 33.0900,
72.1460

■ 96.8320, 48.5350,
106.1270

■ 151.4560, 27.3610,
60.3290

■ 87.7280, 52.0640,
113.7600

■ 164.9680, 22.5030,
49.2470

■ 179.0670, 17.3700,
37.6420

■ 192.2800, 11.9160,
26.3480

■ 205.7920, 7.0580,
15.2660

■ 219.5920, 1.3290,
3.4490

■ 233.1040, -3.5290,
-7.6330

■ 243.0940, -6.7370,
-15.5770

Harmonies

Analogous

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



118.7010, -69.3760, 34.8480



124.1440, 37.9480, 83.2280



93.0030, 104.7930, 99.7770

Triad

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



124.1440, 37.9480, 83.2280



123.6180, 67.2200, -28.8120



118.9540, -108.9790, -23.8830

Complementary

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



124.1440, 37.9480, 83.2280



159.8560, -37.9480, -83.2280

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.



108.3180, -81.7860, -48.6500



124.1440, 37.9480, 83.2280



112.9110, 14.0860, -57.0660

Square

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



124.1440, 37.9480, 83.2280



117.4800, 112.7880, 4.4040



94.2110, -48.9530, -76.5130



122.9900, -125.8550, -4.3750

Rectangle

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



124.1440, 37.9480, 83.2280



86.9610, 121.8060, 83.2940



94.2110, -48.9530, -76.5130



115.8760, -100.3120, -32.2800

Sweetspot

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



124.1440, 37.9480, 83.2280



220.9320, 13.0160, 28.4400



86.9140, -56.4940, 43.6820



107.1450, 7.5620, 17.1460



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.



124.1440, 37.9480, 83.2280



118.7280, 52.0640, 113.7600



119.9800, 66.9280, 64.6240



105.2440, 2.4290, 5.5410



68.8010, 40.6520, 89.2920



18.9270, 11.4120, 24.4680

Inverse Universe

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



110.4040, 93.8920, 38.5000



99.8000, 128.3680, 52.4640



164.0200, -66.9280, -64.6240



104.4030, 6.2350, 2.6430



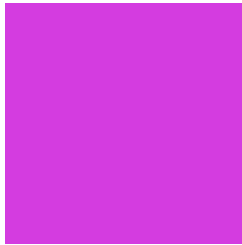
54.1060, 100.7230, 41.3550



14.8080, 27.3240, 11.4200

Previews

White Background



This preview shows how the YIQ color 124.1440, 37.9480, 83.2280 looks on a white background.

Color Contrast Check

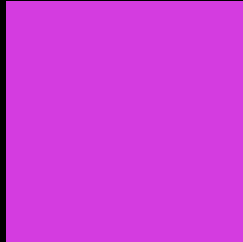
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.1440, 37.9480, 83.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

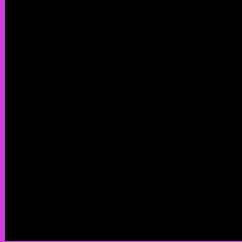
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.1440, 37.9480, 83.2280

Background



This preview shows how black text looks on a background with the YIQ color 124.1440, 37.9480, 83.2280.



This preview shows how white text looks on a background with the YIQ color 124.1440, 37.9480,

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

124.1440, 37.9480, 83.2280

Protanopia

119.4660, -85.1920, 24.1200

Deuteranopia

126.2840, -55.8010, 14.5910



Tritanopia

130.8010, 55.5650, 22.7410

Trichromacy



Original Color

124.1440, 37.9480, 83.2280



Protanomaly

121.4660, -40.4930, 45.5470



Deuteranomaly

125.5310, -21.9230, 39.3970



Tritanomaly

128.2790, 49.1880, 44.7080

Monochromacy



Original Color

124.1440, 37.9480, 83.2280



Achromatopsia

124.0000, -0.0000, -0.0000



Achromatomaly

124.1710, 13.8410, 30.0090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.1440, 37.9480, 83.2280 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(212, 60, 224)` looks like.

```
.text, #text, p{  
    color:rgb(212, 60, 224)  
}
```

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(212, 60, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 60, 224) }
```

Border

The CSS property to change the border of an element to YIQ 124.1440, 37.9480, 83.2280 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(212, 60, 224) }
```


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

```
.border{ border-color:rgb(212, 60, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 60, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 60, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 60, 224);  
box-shadow:4px 4px 4px 4px rgb(212, 60,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 124.1440, 37.9480, 83.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 60, 224) }
```

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

```
.background{ background-color: rgb(212, 60,  
224) }
```

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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