

Converting Colors

YIQ(99.7940, 42.5300, 99.3140)

Have a look what the booklet for
YIQ(99.7940, 42.5300, 99.3140)
contains.

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Color

**YIQ(99.7940, 42.5300,
99.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	CA18DE
RGB	202, 24, 222
RGB Percent	79%, 9%, 87%
CMY	0.2073, 0.9061, 0.1294
CMYK	0.09, 0.89, 0.00, 0.13
HSL	294°, 81%, 48%
HSV	294°, 89%, 87%
XYZ	37.9053, 18.5004, 70.6831
YIQ	99.7940, 42.5300, 99.3140

Conversions

Conversions Part 2

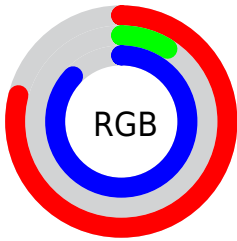
Format	Color
R_{YB}	202, 24, 222
Decimal	13244638
CIE _{Lab}	50.10, 83.13, -59.21
CIE _{LCh}	50, 102.065, 324.539
Yxy	18.5004, 0.2983, 0.1456
Android (android.graphics.Color)	4291434718 (0xFFCA18DE)
YUV	99.7940, 60.2476, 89.6347
Hunter-Lab	43.0120, 82.0360, -67.3248

Details

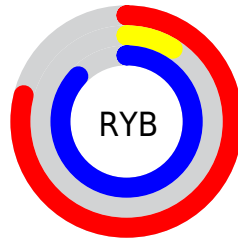
The YIQ color **99.7940, 42.5300, 99.3140** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **146.2060, -42.5300, -99.3140**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0150, 42.6250, 81.0650**, and **61.6810, 31.9420, 81.9420** is the 20% darker color. If you saturate the color by 10%, you get **86.2820, 47.3880, 110.3960**, and if you desaturate by 10%, it is **113.3060, 37.6720, 88.2320**.

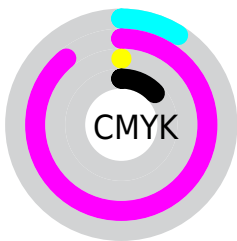
Distribution



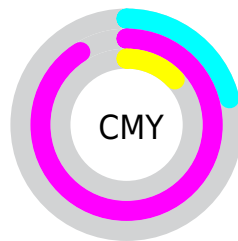
- Red (79%)
- Green (9%)
- Blue (87%)



- Red (79%)
- Yellow (9%)
- Blue (87%)



- Cyan (9%)
- Magenta (89%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (91%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.7940, 42.5300, 99.3140 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 99.7940, 42.5300, 99.3140 by changing the saturation by 10% instead.

99.7940, 42.5300,
99.3140

99.7940, 42.5300,
99.3140

255.0000, -0.0000,
-0.0000

73.5440, 40.2380,
96.7980

164.0150, 42.6250,
81.0650

61.6810, 31.9420,
81.9420

181.6250, 34.3750,
65.3750

49.9320, 23.3250,
67.3970

199.2350, 26.1250,
49.6850

38.2970, 14.3870,
53.1630

216.8450, 17.8750,
33.9950

27.2600, 6.6410,
39.3530

234.4550, 9.6250,
18.3050

14.3580, -5.9190,
24.6810

252.0650, 1.3750,

6.3210, -13.6650,

2.6150

10.8710

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 99.7940, 42.5300,
99.3140

■ 99.7940, 42.5300,
99.3140

■ 86.2820, 47.3880,
110.3960

■ 113.3060, 37.6720,
88.2320

■ 85.1080, 47.9380,
111.4420

■ 127.1170, 33.4100,
77.3620

■ 141.2160, 28.2770,
65.7570

■ 154.7280, 23.4190,
54.6750

■ 168.2400, 18.5610,
43.5930

■ 181.7520, 13.7030,
32.5110

■ 195.5630, 9.4410,
21.6410

■ 209.6620, 4.3080,
10.0360

■ 223.1740, -0.5500,
-1.0460

Harmonies

Analogous

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



90.1180, -110.4550, 24.9130



99.7940, 42.5300, 99.3140



92.0910, 107.3610, 97.2890

Triad

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



99.7940, 42.5300, 99.3140



112.6980, 64.2390, -24.3450



111.4710, -103.0650, -20.9290

Complementary

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



99.7940, 42.5300, 99.3140



146.2060, -42.5300, -99.3140

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.



100.0370, -73.6250, -47.8730



99.7940, 42.5300, 99.3140



101.0720, 6.3830, -55.1290

Square

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



99.7940, 42.5300, 99.3140



101.5870, 114.3450, 14.7370



85.7020, -40.1500, -76.3580



117.1200, -123.1050, 0.8550

Rectangle

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



99.7940, 42.5300, 99.3140



85.5930, 125.6580, 79.5620



85.7020, -40.1500, -76.3580



107.5780, -93.4810, -29.4250

Sweetspot

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



99.7940, 42.5300, 99.3140



212.4040, 14.8030, 34.6030



60.0730, -69.8830, 49.5490



102.4380, 8.2950, 20.3830



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.



99.7940, 42.5300, 99.3140



97.5410, 54.6290, 127.8530



97.1100, 78.8460, 79.9180



105.2440, 2.4290, 5.5410



67.3060, 37.6720, 88.2320



18.6280, 10.8160, 24.2560

Inverse Universe

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



85.4820, 111.5880, 48.1960



79.2090, 143.6340, 62.1460



148.8900, -78.8460, -79.9180



104.4030, 6.2350, 2.6430



54.6760, 99.1180, 42.9100



14.9220, 27.0030, 11.7310

Previews

White Background



This preview shows how the YIQ color 99.7940, 42.5300, 99.3140 looks on a white background.

Color Contrast Check

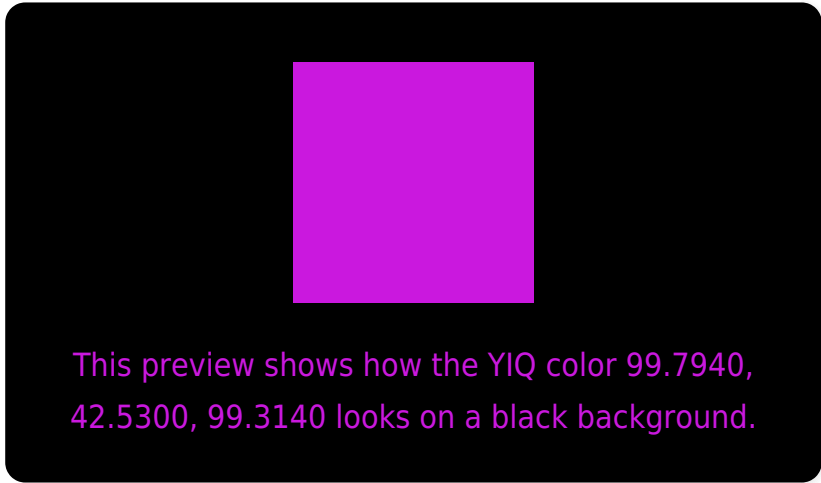
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

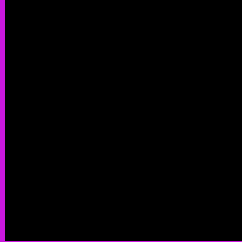
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 99.7940, 42.5300, 99.3140

Background



This preview shows how black text looks on a background with the YIQ color 99.7940, 42.5300, 99.3140.



This preview shows how white text looks on a background with the YIQ color 99.7940, 42.5300,

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

99.7940, 42.5300, 99.3140

Protanopia

96.0220, -110.5450, 15.5270

Deuteranopia

108.9060, -72.3520, 11.6800



Tritanopia

118.9860, 56.4820, 22.6420

Trichromacy



Original Color

99.7940, 42.5300, 99.3140



Protanomaly

97.8650, -54.7980, 45.9860



Deuteranomaly

105.6750, -30.9560, 43.4120



Tritanomaly

111.9360, 51.8920, 50.7720

Monochromacy



Original Color

99.7940, 42.5300, 99.3140



Achromatopsia

100.0000, -0.0000, -0.0000



Achromatomaly

99.6430, 15.6280, 36.1720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.7940, 42.5300, 99.3140 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(202, 24, 222)` looks like.

```
.text, #text, p{  
    color:rgb(202, 24, 222)  
}
```

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(202, 24, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 24, 222) }
```

Border

The CSS property to change the border of an element to YIQ 99.7940, 42.5300, 99.3140 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(202, 24, 222) }
```


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

```
.border{ border-color:rgb(202, 24, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 24, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 24, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 24, 222);  
box-shadow:4px 4px 4px 4px rgb(202, 24,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 99.7940, 42.5300, 99.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 24, 222) }
```

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

```
.background{ background-color: rgb(202, 24,  
222) }
```

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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