

Converting Colors

YIQ(75.3750, 76.7820, 84.2860)

Have a look what the booklet for
YIQ(75.3750, 76.7820, 84.2860)
contains.

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Color

**YIQ(75.3750, 76.7820,
84.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	C90086
RGB	201, 0, 134
RGB Percent	79%, 0%, 53%
CMY	0.2112, 0.9999, 0.4743
CMYK	0.00, 1.00, 0.33, 0.21
HSL	320°, 100%, 39%
HSV	320°, 100%, 79%
XYZ	28.4326, 14.1600, 23.8076
YIQ	75.3750, 76.7820, 84.2860

Conversions

Conversions Part 2

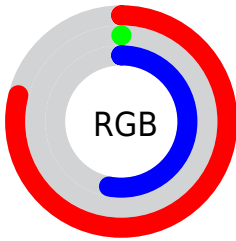
Format	Color
RYB	201, 0, 134
Decimal	13172870
CIELab	44.46, 73.79, -16.25
CIELCh	44, 75.554, 347.584
Yxy	14.1600, 0.4282, 0.2133
Android (android.graphics.Color)	4291362950 (0xFFC90086)
YUV	75.3750, 28.9021, 110.1731
Hunter-Lab	37.6298, 69.0200, -11.1707

Details

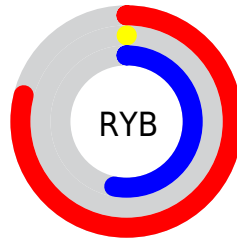
The YIQ color **75.3750, 76.7820, 84.2860** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **125.6250, -76.7820, -84.2860**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.8060, 67.4780, 65.6700**, and **51.7350, 57.0720, 56.0160** is the 20% darker color. If you saturate the color by 10%, you get **75.3750, 76.7820, 84.2860**, and if you desaturate by 10%, it is **87.9130, 69.0350, 76.0030**.

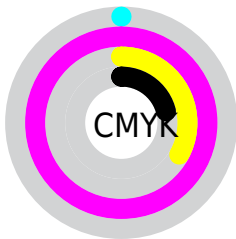
Distribution



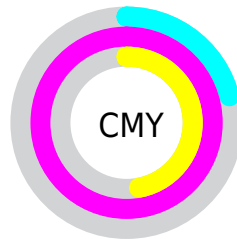
- Red (79%)
- Green (0%)
- Blue (53%)



- Red (79%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 75.3750, 76.7820, 84.2860 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 75.3750, 76.7820, 84.2860 by changing the saturation by 10% instead.


 75.3750, 76.7820,
84.2860


 75.3750, 76.7820,
84.2860


255.0000, -0.0000,
-0.0000


 63.5550, 66.9270,
70.1510


 149.8060, 67.4780,
65.6700


 51.7350, 57.0720,
56.0160


 170.6080, 50.2400,
58.6880


 40.4420, 47.1710,
42.7150


 190.9370, 32.9560,
52.5400

 29.5620, 37.5450,
29.9370

 209.8010, 21.1750,
40.2710

 18.6820, 27.9190,
17.1590

 227.4110, 12.9250,
24.5810

 4.7840, 9.5360,
3.3920

 245.0210, 4.6750,

 0.0000, 0.0000,

8.8910

0.0000

■ 75.3750, 76.7820,
84.2860

■ 87.9130, 69.0350,
76.0030

■ 100.3370, 61.6090,
67.4090

■ 112.8750, 53.8620,
59.1260

■ 125.4130, 46.1150,
50.8430

■ 138.5380, 38.0930,
42.0370

■ 150.9620, 30.6670,
33.4430

■ 163.5000, 22.9200,
25.1600

■ 176.0380, 15.1730,
16.8770

■ 188.4620, 7.7470,
8.2830

Harmonies

Analogous

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



105.0780, 10.8100, 57.4180



75.3750, 76.7820, 84.2860



71.2970, 102.6440, 67.1240

Triad

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



75.3750, 76.7820, 84.2860



94.4370, 24.9490, -39.1710



98.2950, -99.0330, -5.8890

Complementary

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



75.3750, 76.7820, 84.2860



125.6250, -76.7820, -84.2860

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.



93.0850, -81.6070, -24.3510



75.3750, 76.7820, 84.2860



72.7880, -34.1000, -64.8520

Square

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



75.3750, 76.7820, 84.2860



99.4410, 63.8250, -16.8390



84.9740, -60.1460, -44.3540



97.2470, -107.1050, 8.2470

Rectangle

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



75.3750, 76.7820, 84.2860



88.5750, 97.4240, 29.5520



84.9740, -60.1460, -44.3540



97.5310, -94.1260, -12.2220

Sweetspot

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



75.3750, 76.7820, 84.2860



207.4240, 29.2460, 31.6620



42.9470, -24.5890, 76.7150



99.1740, 17.7860, 19.0820



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.



75.3750, 76.7820, 84.2860



95.6250, 97.4100, 106.9300



63.9750, 108.8820, 53.1860



93.3750, 3.4380, 3.7740



61.1630, 62.1590, 68.4550



13.5000, 13.7520, 15.0960

Inverse Universe

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



75.3750, 76.7820, 84.2860



95.6250, 97.4100, 106.9300



137.1390, -109.2030, -52.8750



93.3750, 3.4380, 3.7740



61.1630, 62.1590, 68.4550



13.5000, 13.7520, 15.0960

Previews

White Background



This preview shows how the YIQ color 75.3750, 76.7820, 84.2860 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

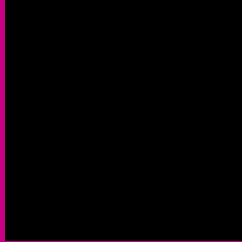
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.3750, 76.7820, 84.2860

Background



This preview shows how black text looks on a background with the YIQ color 75.3750, 76.7820, 84.2860.



This preview shows how white text looks on a background with the YIQ color 75.3750, 76.7820,

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

75.3750, 76.7820, 84.2860

Protanopia

103.2570, -51.1710, 18.7890

Deuteranopia

108.4760, -4.0360, 7.0680



Tritanopia

95.9850, 84.5860, 30.9380

Trichromacy



Original Color

75.3750, 76.7820, 84.2860



Protanomaly

93.2080, -4.7760, 42.5200



Deuteranomaly

96.6780, 25.7150, 35.0830



Tritanomaly

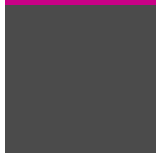
88.7360, 81.6940, 50.3180

Monochromacy



Original Color

75.3750, 76.7820, 84.2860



Achromatopsia

75.0000, -0.0000, -0.0000



Achromatomaly

75.2990, 28.1000, 30.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.3750, 76.7820, 84.2860 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(201, 0, 134)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 134)  
}
```

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(201, 0, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 134) }
```

Border

The CSS property to change the border of an element to YIQ 75.3750, 76.7820, 84.2860 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(201, 0, 134) }
```


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

```
.border{ border-color:rgb(201, 0, 134) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 134);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 75.3750, 76.7820, 84.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 134) }
```

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

```
.background{ background-color: rgb(201, 0,  
134) }
```

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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