

Converting Colors

YIQ(96.3410, 74.1220, 88.4420)

Have a look what the booklet for
YIQ(96.3410, 74.1220, 88.4420)
contains.

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Color

**YIQ(96.3410, 74.1220,
88.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	DE13A5
RGB	222, 19, 165
RGB Percent	87%, 7%, 65%
CMY	0.1288, 0.9257, 0.3528
CMYK	0.00, 0.91, 0.26, 0.13
HSL	317°, 84%, 47%
HSV	317°, 91%, 87%
XYZ	37.1962, 18.7339, 37.2749
YIQ	96.3410, 74.1220, 88.4420

Conversions

Conversions Part 2

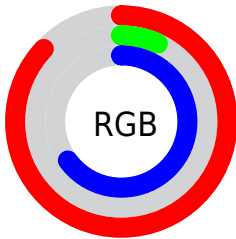
Format	Color
R_{YB}	222, 19, 165
Decimal	14554021
CIE _{Lab}	50.37, 79.63, -25.47
CIE _{LCh}	50, 83.605, 342.262
Yxy	18.7339, 0.3991, 0.2010
Android (android.graphics.Color)	4292744101 (0xFFDE13A5)
YUV	96.3410, 33.8489, 110.2029
Hunter-Lab	43.2827, 77.6546, -20.7625

Details

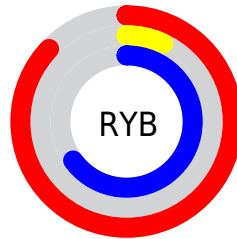
The YIQ color **96.3410, 74.1220, 88.4420** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **144.6590, -74.1220, -88.4420**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4380, 54.1350, 70.7030**, and **61.3200, 60.2790, 69.4870** is the 20% darker color. If you saturate the color by 10%, you get **84.6180, 80.9520, 96.8240**, and if you desaturate by 10%, it is **109.9390, 66.1460, 78.8020**.

Distribution



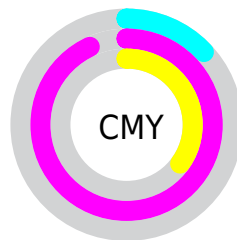
- Red (87%)
- Green (7%)
- Blue (65%)



- Red (87%)
- Yellow (7%)
- Blue (65%)



- Cyan (0%)
- Magenta (91%)
- Yellow (26%)
- Black (13%)





- Cyan (13%)
- Magenta (93%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 96.3410, 74.1220, 88.4420 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 96.3410, 74.1220, 88.4420 by changing the saturation by 10% instead.


 96.3410, 74.1220,
88.4420


 96.3410, 74.1220,
88.4420


255.0000, -0.0000,
-0.0000


 73.2540, 69.8130,
83.9330


 159.4380, 54.1350,
70.7030


 61.3200, 60.2790,
69.4870


 180.9410, 36.3010,
63.5090

 49.5000, 50.4240,
55.3520


 199.2350, 26.1250,
49.6850

 38.0930, 40.8440,
41.7400

 216.8450, 17.8750,
33.9950

 27.5120, 31.8140,
29.1740

 234.4550, 9.6250,
18.3050

 16.0340, 20.9960,
15.9720

 252.0650, 1.3750,

 0.0000, 0.0000,

2.6150

0.0000

■ 96.3410, 74.1220,
88.4420

■ 96.3410, 74.1220,
88.4420

■ 84.6180, 80.9520,
96.8240

■ 109.9390, 66.1460,
78.8020

■ 123.6510, 57.8490,
69.4730

■ 137.8360, 49.5980,
59.3100

■ 151.4340, 41.6220,
49.6700

■ 165.0320, 33.6460,
40.0300

■ 178.7440, 25.3490,
30.7010

■ 192.3420, 17.3730,
21.0610

■ 206.5270, 9.1220,
10.8980

■ 220.1250, 1.1460,
1.2580

Harmonies

Analogous

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



120.9440, -3.3120, 60.0480



96.3410, 74.1220, 88.4420



82.7750, 113.4620, 80.3260

Triad

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



96.3410, 74.1220, 88.4420



109.8420, 36.8700, -40.4580



111.3860, -109.7150, -10.5390

Complementary

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



96.3410, 74.1220, 88.4420



144.6590, -74.1220, -88.4420

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.



104.3350, -88.4830, -31.8990



96.3410, 74.1220, 88.4420



83.6750, -35.5200, -72.1600

Square

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



96.3410, 74.1220, 88.4420



113.1070, 79.5050, -14.6630



94.6110, -63.8580, -54.1780



111.2500, -120.3550, 6.0850

Rectangle

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



96.3410, 74.1220, 88.4420



96.5590, 112.6890, 44.7610



94.6110, -63.8580, -54.1780



109.6930, -103.5700, -17.2820

Sweetspot

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



96.3410, 74.1220, 88.4420



212.3310, 25.0740, 30.1780



58.2880, -32.9790, 74.5810



102.5650, 15.1270, 17.7110



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.



96.3410, 74.1220, 88.4420



97.1070, 93.2370, 110.9730



85.0550, 105.9010, 57.6530



105.2010, 3.9880, 4.8200



67.1020, 64.1290, 76.8090



18.3420, 17.3730, 21.0610

Inverse Universe

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



96.3410, 74.1220, 88.4420



97.1070, 93.2370, 110.9730



155.9450, -105.9010, -57.6530



105.2010, 3.9880, 4.8200



67.1020, 64.1290, 76.8090



18.3420, 17.3730, 21.0610

Previews

White Background



This preview shows how the YIQ color 96.3410, 74.1220, 88.4420 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 96.3410, 74.1220, 88.4420 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 96.3410, 74.1220, 88.4420

Background



This preview shows how black text looks on a background with the YIQ color 96.3410, 74.1220, 88.4420.



This preview shows how white text looks on a background with the YIQ color 96.3410, 74.1220,

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

96.3410, 74.1220, 88.4420

Protanopia

111.6860, -74.1880, 22.9320

Deuteranopia

121.9080, -13.9400, 10.3480



Tritanopia

111.5940, 87.2450, 32.3090

Trichromacy



Original Color

96.3410, 74.1220, 88.4420



Protanomaly

105.9430, -19.9070, 46.9170



Deuteranomaly

112.8930, 17.9200, 38.6880



Tritanomaly

106.5020, 82.4730, 52.7210

Monochromacy



Original Color

96.3410, 74.1220, 88.4420



Achromatopsia

96.0000, -0.0000, 0.0000



Achromatomaly

96.1680, 27.0910, 32.1710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.3410, 74.1220, 88.4420 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, 19, 165)` looks like.

```
.text, #text, p{  
    color:rgb(222, 19, 165)  
}
```

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, 19, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 19, 165) }
```

Border

The CSS property to change the border of an element to YIQ 96.3410, 74.1220, 88.4420 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, 19, 165) }
```


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

```
.border{ border-color:rgb(222, 19, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 19, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 19, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 19, 165);  
box-shadow:4px 4px 4px 4px rgb(222, 19,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 96.3410, 74.1220, 88.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 19, 165) }
```

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

```
.background{ background-color: rgb(222, 19,  
165) }
```

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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