

Converting Colors

YIQ(74.9430, 103.8810, 72.2410)

Have a look what the booklet for
YIQ(74.9430, 103.8810, 72.2410)
contains.

YIQ(74.9430, 103.8810, 72.2410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(74.9430, 103.8810,
72.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	DB0053
RGB	219, 0, 83
RGB Percent	86%, 0%, 33%
CMY	0.1406, 0.9998, 0.6742
CMYK	0.00, 1.00, 0.62, 0.14
HSL	337°, 100%, 43%
HSV	337°, 100%, 86%
XYZ	30.8221, 15.7086, 9.6092
YIQ	74.9430, 103.8810, 72.2410

Conversions

Conversions Part 2

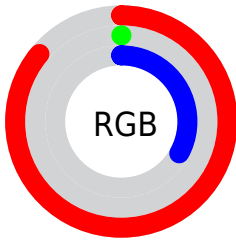
Format	Color
R_{YB}	219, 0, 83
Decimal	14352467
CIE _{Lab}	46.59, 73.73, 18.87
CIE _{LCh}	47, 76.107, 14.355
Yxy	15.7086, 0.5490, 0.2798
Android (android.graphics.Color)	4292542547 (0xFFDB0053)
YUV	74.9430, 3.9721, 126.3380
Hunter-Lab	39.6341, 69.4538, 13.3692

Details

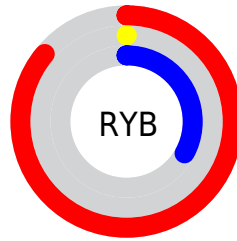
The YIQ color **74.9430, 103.8810, 72.2410** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **144.0570, -103.8810, -72.2410**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.1230, 84.8580, 48.0420**, and **51.0900, 80.4570, 45.2010** is the 20% darker color. If you saturate the color by 10%, you get **74.9430, 103.8810, 72.2410**, and if you desaturate by 10%, it is **89.4530, 93.3370, 65.0890**.

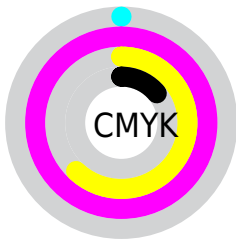
Distribution



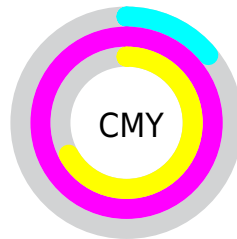
- Red (86%)
- Green (0%)
- Blue (33%)



- Red (86%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (14%)





- Cyan (14%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.9430, 103.8810, 72.2410 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 74.9430, 103.8810, 72.2410 by changing the saturation by 10% instead.


 74.9430, 103.8810,
72.2410


 74.9430, 103.8810,
72.2410


255.0000, -0.0000,
-0.0000


 62.7530, 92.1920,
58.3040


 144.1230, 84.8580,
48.0420


 51.0900, 80.4570,
45.2010


 165.2840, 67.9870,
39.9150


 39.6550, 68.0800,
32.7200


 185.9720, 51.0700,
32.6220

 28.3340, 55.3820,
20.5500

 206.0730, 34.4280,
25.8520

 19.4780, 37.1810,
14.5010

 226.9890, 16.8690,
19.1810

 8.7850, 16.9630,
6.4590

 246.1950, 4.1250,

 0.0000, 0.0000,

7.8450

0.0000

■ 74.9430, 103.8810,
72.2410

■ 89.4530, 93.3370,
65.0890

■ 103.8490, 83.1140,
57.6260

■ 118.3590, 72.5700,
50.4740

■ 132.8690, 62.0260,
43.3220

■ 147.2650, 51.8030,
35.8590

■ 161.7750, 41.2590,
28.7070

■ 175.5840, 31.3110,
21.7670

■ 190.0940, 20.7670,
14.6150

■ 204.6040, 10.2230,
7.4630

Harmonies

Analogous

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



92.1410, 68.3930, 76.6250



74.9430, 103.8810, 72.2410



97.3710, 97.5180, 16.8300

Triad

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



74.9430, 103.8810, 72.2410



75.7230, -35.4750, -67.4670



101.9260, -110.6350, 6.1410

Complementary

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



74.9430, 103.8810, 72.2410



144.0570, -103.8810, -72.2410

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.



102.5180, -101.2790, -9.2390



74.9430, 103.8810, 72.2410



87.5670, -60.5580, -47.9020

Square

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



74.9430, 103.8810, 72.2410



100.3730, 31.0010, -38.7190



96.4930, -82.9360, -27.8000



90.3000, -105.4560, 16.9120

Rectangle

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



74.9430, 103.8810, 72.2410



102.8180, 82.1170, -6.9310



96.4930, -82.9360, -27.8000



102.7750, -108.8920, 2.0840

Sweetspot

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



74.9430, 103.8810, 72.2410



204.9160, 36.3080, 24.8200



65.3310, 10.1610, 96.7290



97.6920, 21.9590, 15.0390



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.



74.9430, 103.8810, 72.2410



87.3030, 120.8430, 84.2270



80.7430, 123.3740, 32.8300



102.7450, 5.2720, 3.5760



59.2510, 81.9220, 57.2020



15.6920, 21.9590, 15.0390

Inverse Universe

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



74.9430, 103.8810, 72.2410



87.3030, 120.8430, 84.2270



138.8440, -123.6490, -33.3530



102.7450, 5.2720, 3.5760



59.2510, 81.9220, 57.2020



15.6920, 21.9590, 15.0390

Previews

White Background



This preview shows how the YIQ color 74.9430, 103.8810, 72.2410 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



This preview shows how the YIQ color 74.9430, 103.8810, 72.2410 looks on a 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 74.9430, 103.8810, 72.2410

Background



This preview shows how black text looks on a background with the YIQ color 74.9430, 103.8810, 72.2410.



This preview shows how white text looks on a background with the YIQ color 74.9430, 103.8810,

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

74.9430, 103.8810, 72.2410

Protanopia

113.1400, -3.2100, 3.1100

Deuteranopia

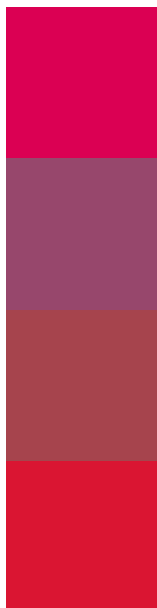
111.6100, 27.2810, -4.3270



Tritanopia

87.7880, 110.3060, 38.3860

Trichromacy



Original Color

74.9430, 103.8810, 72.2410

Protanomaly

99.1380, 35.8030, 28.4670

Deuteranomaly

98.3280, 55.5190, 23.5750

Tritanomaly

83.2090, 108.1030, 50.7830

Monochromacy



Original Color

74.9430, 103.8810, 72.2410

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.0410, 37.4540, 26.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.9430, 103.8810, 72.2410 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(219, 0, 83)` looks like.

```
.text, #text, p{  
    color:rgb(219, 0, 83)  
}
```

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(219, 0, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 0, 83) }
```

Border

The CSS property to change the border of an element to YIQ 74.9430, 103.8810, 72.2410 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(219, 0, 83) }
```


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

```
.border{ border-color:rgb(219, 0, 83) }
```

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

Here you see how a box with a 4 pixel rgb(219, 0, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 0, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 0, 83);  
box-shadow:4px 4px 4px 4px rgb(219, 0, 83)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.9430, 103.8810, 72.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 0, 83) }
```

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

```
.background{ background-color: rgb(219, 0,  
83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor