

Converting Colors

YIQ(94.7420, 74.6710, 95.0150)

Have a look what the booklet for
YIQ(94.7420, 74.6710, 95.0150)
contains.

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Color

**YIQ(94.7420, 74.6710,
95.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	E10DAE
RGB	225, 13, 174
RGB Percent	88%, 5%, 68%
CMY	0.1170, 0.9492, 0.3175
CMYK	0.00, 0.94, 0.23, 0.12
HSL	314°, 89%, 47%
HSV	314°, 94%, 88%
XYZ	38.8865, 19.3756, 41.7571
YIQ	94.7420, 74.6710, 95.0150

Conversions

Conversions Part 2

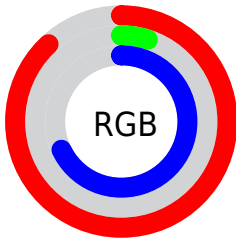
Format	Color
R _{YB}	225, 13, 174
Decimal	14749102
CIE Lab	51.12, 81.86, -29.58
CIE LCh	51, 87.037, 340.135
Yxy	19.3756, 0.3888, 0.1937
Android (android.graphics.Color)	4292939182 (0xFFE10DAE)
YUV	94.7420, 39.0742, 114.2363
Hunter-Lab	44.0178, 80.6606, -25.4326

Details

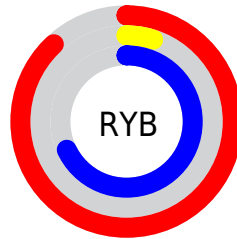
The YIQ color **94.7420, 74.6710, 95.0150** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **143.2580, -74.6710, -95.0150**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9910, 51.2000, 74.3360**, and **63.1290, 59.4990, 72.6110** is the 20% darker color. If you saturate the color by 10%, you get **86.7690, 79.2090, 100.8810**, and if you desaturate by 10%, it is **108.2260, 67.0160, 85.0640**.

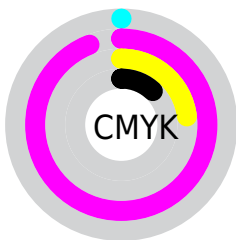
Distribution



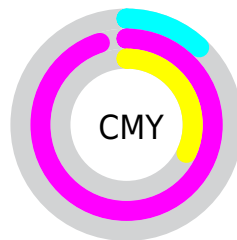
- Red (88%)
- Green (5%)
- Blue (68%)



- Red (88%)
- Yellow (5%)
- Blue (68%)



- Cyan (0%)
- Magenta (94%)
- Yellow (23%)
- Black (12%)





- Cyan (12%)
- Magenta (95%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.7420, 74.6710, 95.0150 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 94.7420, 74.6710, 95.0150 by changing the saturation by 10% instead.


 94.7420, 74.6710,
95.0150


 94.7420, 74.6710,
95.0150


255.0000, -0.0000,
-0.0000


 75.0630, 69.0330,
87.0570


 159.9910, 51.2000,
74.3360


 63.1290, 59.4990,
72.6110


 181.0380, 34.6500,
65.8980

 51.3090, 49.6440,
58.4760


 199.2350, 26.1250,
49.6850

 39.9020, 40.0640,
44.8640

 216.8450, 17.8750,
33.9950

 28.9080, 30.7590,
31.7750

 234.4550, 9.6250,
18.3050

 17.7290, 20.5370,
18.7850

 252.0650, 1.3750,

 0.2990, 0.5960,

2.6150

0.2120

■ 0.0000, 0.0000,
0.0000

■ 94.7420, 74.6710,
95.0150

■ 94.7420, 74.6710,
95.0150

■ 86.7690, 79.2090,
100.8810

■ 108.2260, 67.0160,
85.0640

■ 122.4110, 58.7650,
74.9010

■ 135.8950, 51.1100,
64.9500

■ 150.0800, 42.8590,
54.7870

■ 164.1510, 34.9290,
44.3130

■ 177.7490, 26.9530,
34.6730

■ 191.8200, 19.0230,
24.1990

■ 205.3040, 11.3680,
14.2480

■ 219.4890, 3.1170,
4.0850

Harmonies

Analogous

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



122.3500, -10.3270, 60.5290



94.7420, 74.6710, 95.0150



85.2530, 115.1120, 83.4640

Triad

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



94.7420, 74.6710, 95.0150



112.2230, 40.1710, -39.7090



113.3750, -111.1820, -11.4860

Complementary

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



94.7420, 74.6710, 95.0150



143.2580, -74.6710, -95.0150

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.



105.8680, -88.6660, -34.0900



94.7420, 74.6710, 95.0150



89.0350, -27.7260, -70.2380

Square

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



94.7420, 74.6710, 95.0150



114.0260, 84.2270, -12.1330



95.1010, -62.4820, -57.0900



113.5980, -121.4550, 3.9930

Rectangle

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



94.7420, 74.6710, 95.0150



91.1890, 120.0230, 55.0230



95.1010, -62.4820, -57.0900



111.4540, -104.3950, -18.8510

Sweetspot

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



94.7420, 74.6710, 95.0150



211.3850, 24.9820, 31.8460



51.8190, -38.8480, 76.3200



100.9180, 15.6310, 19.5910



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.



94.7420, 74.6710, 95.0150



98.3610, 89.7060, 114.3940



82.8860, 108.0550, 62.6710



105.2010, 3.9880, 4.8200



67.9000, 61.8820, 78.9860



18.5700, 16.7310, 21.6830

Inverse Universe

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



94.7420, 74.6710, 95.0150



98.3610, 89.7060, 114.3940



155.2280, -108.3760, -62.3600



105.2010, 3.9880, 4.8200



67.9000, 61.8820, 78.9860



18.5700, 16.7310, 21.6830

Previews

White Background



This preview shows how the YIQ color 94.7420, 74.6710, 95.0150 looks on a white background.

Color Contrast Check

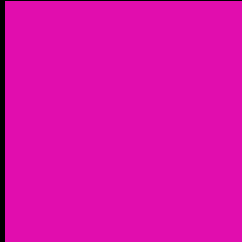
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.7420, 74.6710, 95.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

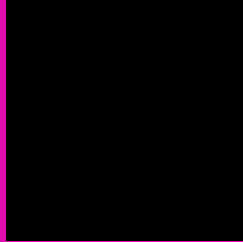
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 94.7420, 74.6710, 95.0150

Background



This preview shows how black text looks on a background with the YIQ color 94.7420, 74.6710, 95.0150.



This preview shows how white text looks on a background with the YIQ color 94.7420, 74.6710,

95.0150.

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

94.7420, 74.6710, 95.0150

Protanopia

108.9600, -89.6390, 22.1130

Deuteranopia

123.3960, -18.2500, 11.3660



Tritanopia

113.7080, 86.9240, 32.6200

Trichromacy



Original Color

94.7420, 74.6710, 95.0150



Protanomaly

103.4350, -30.0400, 48.8400



Deuteranomaly

113.2180, 15.6270, 41.6990



Tritanomaly

107.0830, 82.3350, 55.2230

Monochromacy



Original Color

94.7420, 74.6710, 95.0150



Achromatopsia

95.0000, -0.0000, -0.0000



Achromatomaly

94.7490, 26.9530, 34.6730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.7420, 74.6710, 95.0150 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(225, 13, 174)` looks like.

```
.text, #text, p{  
    color:rgb(225, 13, 174)  
}
```

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(225, 13, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 13, 174) }
```

Border

The CSS property to change the border of an element to YIQ 94.7420, 74.6710, 95.0150 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(225, 13, 174) }
```


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

```
.border{ border-color:rgb(225, 13, 174) }
```

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

Here you see how a box with a 4 pixel rgb(225, 13, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 13, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 13, 174);  
box-shadow:4px 4px 4px 4px rgb(225, 13,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 94.7420, 74.6710, 95.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 13, 174) }
```

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

```
.background{ background-color: rgb(225, 13,  
174) }
```

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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