

Converting Colors

YIQ(94.9890, 89.0720, 70.8000)

Have a look what the booklet for
YIQ(94.9890, 89.0720, 70.8000)
contains.

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Color

**YIQ(94.9890, 89.0720,
70.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	E01975
RGB	224, 25, 117
RGB Percent	88%, 10%, 46%
CMY	0.1210, 0.9022, 0.5409
CMYK	0.00, 0.89, 0.48, 0.12
HSL	332°, 80%, 49%
HSV	332°, 89%, 88%
XYZ	34.3434, 17.8467, 18.4865
YIQ	94.9890, 89.0720, 70.8000

Conversions

Conversions Part 2

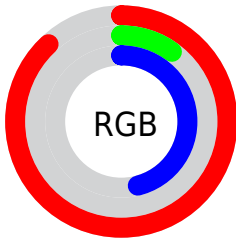
Format	Color
R_{YB}	224, 25, 117
Decimal	14686581
CIE _{Lab}	49.31, 74.62, 1.86
CIE _{LCh}	49, 74.643, 1.425
Yxy	17.8467, 0.4859, 0.2525
Android (android.graphics.Color)	4292876661 (0xFFE01975)
YUV	94.9890, 10.8514, 113.1426
Hunter-Lab	42.2453, 71.1825, 3.6265

Details

The YIQ color **94.9890, 89.0720, 70.8000** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **154.0110, -89.0720, -70.8000**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **153.6240, 70.5060, 54.8420**, and **56.3040, 74.4030, 55.8030** is the 20% darker color. If you saturate the color by 10%, you get **80.7070, 98.9740, 78.5740**, and if you desaturate by 10%, it is **109.2710, 79.1700, 63.0260**.

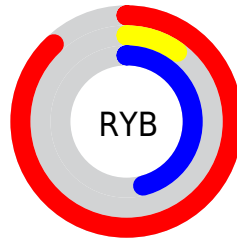
Distribution



Red (88%)

Green (10%)

Blue (46%)



Red (88%)

Yellow (10%)

Blue (46%)

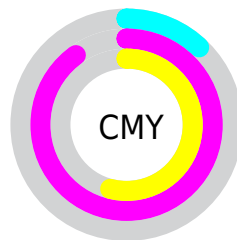


Cyan (0%)

Magenta (89%)

Yellow (48%)

Black (12%)



Cyan (12%)


Magenta (90%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 94.9890, 89.0720, 70.8000 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 94.9890, 89.0720, 70.8000 by changing the saturation by 10% instead.


 94.9890, 89.0720,
70.8000


 94.9890, 89.0720,
70.8000


255.0000, -0.0000,
-0.0000


 68.3090, 85.1750,
69.8390


 153.6240, 70.5060,
54.8420


 56.3040, 74.4030,
55.8030


 174.8990, 53.3140,
47.0260


 44.8260, 63.5850,
42.6010


 195.1140, 36.3510,
40.5670

 33.5760, 52.1250,
30.0210

 215.9160, 19.1130,
33.5850

 22.5820, 42.8200,
16.9320

 233.8680, 9.9000,
18.8280

 12.3730, 24.1150,
9.0030

 251.4780, 1.6500,

 0.0000, 0.0000,

3.1380

0.0000

■ 94.9890, 89.0720,
70.8000

■ 94.9890, 89.0720,
70.8000

■ 80.7070, 98.9740,
78.5740

■ 109.2710, 79.1700,
63.0260

■ 78.8320, 100.1200,
79.8320

■ 124.1400, 68.9930,
54.7290

■ 138.4220, 59.0910,
46.9550

■ 153.2910, 48.9140,
38.6580

■ 167.5730, 39.0120,
30.8840

■ 181.8550, 29.1100,
23.1100

■ 196.7240, 18.9330,
14.8130

■ 211.0060, 9.0310,
7.0390

■ 225.8750, -1.1460,
-1.2580

Harmonies

Analogous

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



113.3330, 41.0690, 65.2050



94.9890, 89.0720, 70.8000



102.5740, 99.1650, 36.5490

Triad

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



94.9890, 89.0720, 70.8000



99.9090, 8.4000, -53.1360



107.6990, -111.7340, -1.4780

Complementary

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



94.9890, 89.0720, 70.8000



154.0110, -89.0720, -70.8000

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.



105.2760, -98.0220, -18.7100



94.9890, 89.0720, 70.8000



87.9940, -54.8710, -57.3590

Square

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



94.9890, 89.0720, 70.8000



109.9520, 51.5400, -30.9880



98.0940, -77.7990, -38.3030



101.4190, -113.3410, 11.1310

Rectangle

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



94.9890, 89.0720, 70.8000



106.4550, 96.7410, 3.3730



98.0940, -77.7990, -38.3030



107.3910, -108.1110, -6.5670

Sweetspot

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



94.9890, 89.0720, 70.8000



210.2790, 30.8520, 24.5800



79.3800, -0.7030, 84.3610



101.4250, 18.3370, 14.6010



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.



94.9890, 89.0720, 70.8000



89.6970, 114.1020, 90.7580



88.6100, 116.6790, 38.5270



104.8590, 4.9510, 3.8870



61.8580, 78.8950, 62.5030



16.8600, 21.5460, 17.0180

Inverse Universe

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



94.9890, 89.0720, 70.8000



89.6970, 114.1020, 90.7580



160.3900, -116.6790, -38.5270



104.8590, 4.9510, 3.8870



61.8580, 78.8950, 62.5030



16.8600, 21.5460, 17.0180

Previews

White Background



This preview shows how the YIQ color 94.9890, 89.0720, 70.8000 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 94.9890, 89.0720, 70.8000 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 94.9890, 89.0720, 70.8000

Background



This preview shows how black text looks on a background with the YIQ color 94.9890, 89.0720, 70.8000.



This preview shows how white text looks on a background with the YIQ color 94.9890, 89.0720,

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

94.9890, 89.0720, 70.8000

Protanopia

118.4000, -24.0730, 12.2710

Deuteranopia

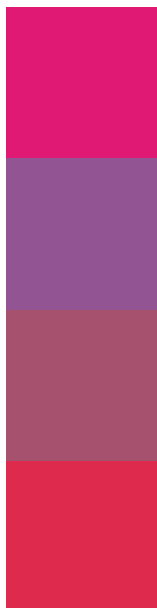
118.9970, 13.2500, 2.1620



Tritanopia

101.9440, 100.9990, 36.3510

Trichromacy



Original Color

94.9890, 89.0720, 70.8000

Protanomaly

110.1330, 17.0040, 33.2600

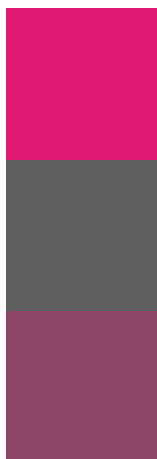
Deuteranomaly

110.4220, 40.7550, 26.8270

Tritanomaly

99.6960, 96.3660, 48.7340

Monochromacy



Original Color

94.9890, 89.0720, 70.8000

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.2900, 32.3190, 25.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.9890, 89.0720, 70.8000 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(224, 25, 117)` looks like.

```
.text, #text, p{  
    color:rgb(224, 25, 117)  
}
```

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(224, 25, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 25, 117) }
```

Border

The CSS property to change the border of an element to YIQ 94.9890, 89.0720, 70.8000 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(224, 25, 117) }
```


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

```
.border{ border-color:rgb(224, 25, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 25, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 25, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 25, 117);  
box-shadow:4px 4px 4px 4px rgb(224, 25,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 94.9890, 89.0720, 70.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 25, 117) }
```

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

```
.background{ background-color: rgb(224, 25,  
117) }
```

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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