

Converting Colors

YIQ(124.4720, 73.9900, 57.7820)

Have a look what the booklet for
YIQ(124.4720, 73.9900, 57.7820)
contains.

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Color

**YIQ(124.4720, 73.9900,
57.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	E7438D
RGB	231, 67, 141
RGB Percent	91%, 26%, 55%
CMY	0.0937, 0.7375, 0.4468
CMYK	0.00, 0.71, 0.39, 0.09
HSL	333°, 77%, 58%
HSV	333°, 71%, 91%
XYZ	39.8062, 22.9385, 27.5524
YIQ	124.4720, 73.9900, 57.7820

Conversions

Conversions Part 2

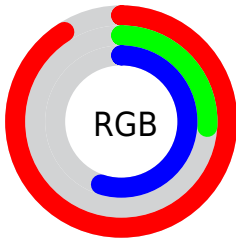
Format	Color
R_{YB}	231, 67, 141
Decimal	15156109
CIE _{Lab}	55.01, 68.02, -4.07
CIE _{LCh}	55, 68.137, 356.573
Yxy	22.9385, 0.4408, 0.2540
Android (android.graphics.Color)	4293346189 (0xFFE7438D)
YUV	124.4720, 8.1483, 93.4251
Hunter-Lab	47.8941, 64.5418, -0.5823

Details

The YIQ color **124.4720, 73.9900, 57.7820** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle muted rose. A complement of this color would be **173.5280, -73.9900, -57.7820**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.9100, 54.7810, 47.9730**, and **61.2040, 72.1090, 64.3410** is the 20% darker color. If you saturate the color by 10%, you get **109.4890, 84.4880, 65.7680**, and if you desaturate by 10%, it is **139.4550, 63.4920, 49.7960**.

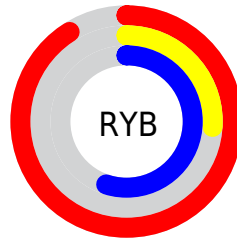
Distribution



Red (91%)

Green (26%)

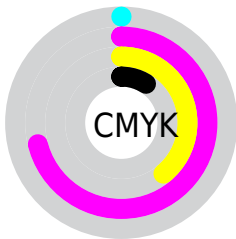
Blue (55%)



Red (91%)

Yellow (26%)

Blue (55%)

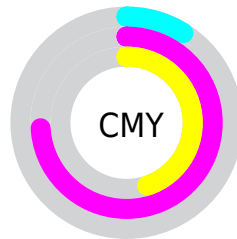


Cyan (0%)

Magenta (71%)

Yellow (39%)

Black (9%)



Cyan (9%)

Magenta (74%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.4720, 73.9900, 57.7820 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 124.4720, 73.9900, 57.7820 by changing the saturation by 10% instead.

124.4720, 73.9900,
57.7820

124.4720, 73.9900,
57.7820

255.0000, -0.0000,
-0.0000

90.9330, 74.3100,
62.9980

173.0240, 54.4600,
48.2840

61.2040, 72.1090,
64.3410

193.1250, 37.8180,
41.5140

49.9110, 62.2080,
51.0400

213.4540, 20.5340,
35.3660

38.4330, 51.3900,
37.8380

230.9330, 11.2750,
21.4430

27.3680, 40.8470,
25.1590

248.5430, 3.0250,
5.7530

16.6730, 32.1380,
12.2820

2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,
0.0000

■ 124.4720, 73.9900,
57.7820

■ 124.4720, 73.9900,
57.7820

■ 109.4890, 84.4880,
65.7680

■ 139.4550, 63.4920,
49.7960

■ 94.6200, 94.6650,
74.0650


■ 154.3240, 53.3150,
41.4990


■ 80.9250, 104.2920,
81.3160


■ 169.3070, 42.8170,
33.5130


■ 184.2900, 32.3190,
25.5270

■ 199.1590, 22.1420,
17.2300

 214.7290, 11.3690,
8.7210

 229.7120, 0.8710,
0.7350

 244.5810, -9.3060,
-7.5620

 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



133.7070, 27.9120, 55.8480



124.4720, 73.9900, 57.7820



123.1540, 91.6000, 35.9840

Triad

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



124.4720, 73.9900, 57.7820



116.5210, 24.1720, -52.6280



116.0310, -115.9050, -8.4890

Complementary

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



124.4720, 73.9900, 57.7820



173.5280, -73.9900, -57.7820

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.



113.6080, -102.1930, -25.7210



124.4720, 73.9900, 57.7820



96.8790, -61.9770, -60.7370

Square

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



124.4720, 73.9900, 57.7820



123.5850, 62.8190, -31.6530



106.7680, -82.9330, -44.3810



111.2670, -119.0250, 4.0070

Rectangle

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



124.4720, 73.9900, 57.7820



125.0170, 89.5870, 11.8830



106.7680, -82.9330, -44.3810



116.3100, -112.5570, -14.1010

Sweetspot

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



124.4720, 73.9900, 57.7820



219.9960, 24.1590, 19.2230



111.7090, -0.7920, 69.4480



107.1640, 14.5780, 11.1380



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.



124.4720, 73.9900, 57.7820



114.0550, 97.8740, 76.4820



118.9710, 96.3690, 32.1530



107.1580, 5.5470, 4.0990



62.7550, 80.6830, 63.1390



17.8710, 23.0130, 17.9650

Inverse Universe

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



124.4720, 73.9900, 57.7820



114.0550, 97.8740, 76.4820



179.0290, -96.3690, -32.1530



107.1580, 5.5470, 4.0990



62.7550, 80.6830, 63.1390



17.8710, 23.0130, 17.9650

Previews

White Background



This preview shows how the YIQ color 124.4720, 73.9900, 57.7820 looks on a white background.

Color Contrast Check

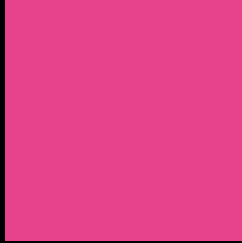
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.4720, 73.9900, 57.7820 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 124.4720, 73.9900, 57.7820

Background



This preview shows how black text looks on a background with the YIQ color 124.4720, 73.9900, 57.7820.



This preview shows how white text looks on a background with the YIQ color 124.4720, 73.9900,

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

124.4720, 73.9900, 57.7820

Protanopia

132.0410, -24.4400, 13.4160

Deuteranopia

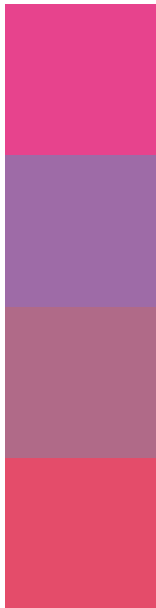
133.3540, 7.9310, 4.9470



Tritanopia

125.2240, 85.4110, 32.5070

Trichromacy



Original Color

124.4720, 73.9900, 57.7820

Protanomaly

129.0890, 11.1360, 29.4720

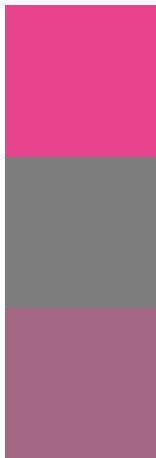
Deuteranomaly

130.3500, 32.0900, 24.1700

Tritanomaly

124.8680, 80.9620, 41.5540

Monochromacy



Original Color

124.4720, 73.9900, 57.7820

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.0180, 27.0930, 21.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.4720, 73.9900, 57.7820 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(231, 67, 141)` looks like.

```
.text, #text, p{  
    color:rgb(231, 67, 141)  
}
```

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(231, 67, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 67, 141) }
```

Border

The CSS property to change the border of an element to YIQ 124.4720, 73.9900, 57.7820 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(231, 67, 141) }
```


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

```
.border{ border-color:rgb(231, 67, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 67, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 67, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 67, 141);  
box-shadow:4px 4px 4px 4px rgb(231, 67,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 124.4720, 73.9900, 57.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 67, 141) }
```

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

```
.background{ background-color: rgb(231, 67,  
141) }
```

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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