

Converting Colors

YIQ(121.5340, 71.4200, 71.3240)

Have a look what the booklet for
YIQ(121.5340, 71.4200, 71.3240)
contains.

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Color

**YIQ(121.5340, 71.4200,
71.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	EA38A4
RGB	234, 56, 164
RGB Percent	92%, 22%, 64%
CMY	0.0819, 0.7806, 0.3567
CMYK	0.00, 0.76, 0.30, 0.08
HSL	324°, 81%, 57%
HSV	324°, 76%, 92%
XYZ	42.0888, 23.0169, 37.3705
YIQ	121.5340, 71.4200, 71.3240

Conversions

Conversions Part 2

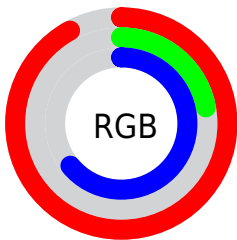
Format	Color
R_{YB}	234, 56, 164
Decimal	15349924
CIE _{Lab}	55.09, 74.68, -17.46
CIE _{LCh}	55, 76.699, 346.841
Yxy	23.0169, 0.4107, 0.2246
Android (android.graphics.Color)	4293540004 (0xFFEA38A4)
YUV	121.5340, 20.9357, 98.6327
Hunter-Lab	47.9760, 72.6383, -12.6003

Details

The YIQ color **121.5340, 71.4200, 71.3240** is a light color, and the websafe version is hex **CC3399**. The color can be described as light washed rose. A complement of this color would be **168.4660, -71.4200, -71.3240**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6510, 48.6810, 59.4090**, and **64.4950, 67.1560, 71.5080** is the 20% darker color. If you saturate the color by 10%, you get **107.0070, 80.6340, 80.5540**, and if you desaturate by 10%, it is **136.0610, 62.2060, 62.0940**.

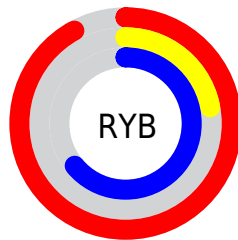
Distribution



Red (92%)

Green (22%)

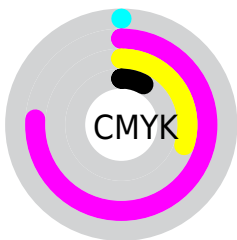
Blue (64%)



Red (92%)

Yellow (22%)

Blue (64%)

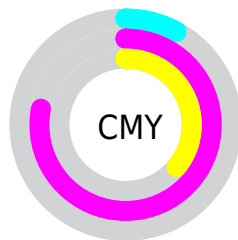


Cyan (0%)

Magenta (76%)

Yellow (30%)

Black (8%)



Cyan (8%)

Magenta (78%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.5340, 71.4200, 71.3240 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 121.5340, 71.4200, 71.3240 by changing the saturation by 10% instead.

121.5340, 71.4200,
71.3240

121.5340, 71.4200,
71.3240

255.0000, -0.0000,
-0.0000

76.7280, 77.2860,
86.1660

171.6510, 48.6810,
59.4090

64.7940, 67.7520,
71.7200

191.9800, 31.3970,
53.2610

53.0880, 57.5760,
57.8960

210.3880, 20.9000,
39.7480

41.6810, 47.9960,
44.2840

227.9980, 12.6500,
24.0580

30.5020, 37.7740,
31.2940

245.6080, 4.4000,
8.3680

19.7360, 27.8270,
18.8270

6.5780, 13.1120,

4.6640

■ 0.0000, 0.0000,
0.0000

■ 121.5340, 71.4200,
71.3240

■ 121.5340, 71.4200,
71.3240

■ 107.0070, 80.6340,
80.5540

■ 136.0610, 62.2060,
62.0940

■ 91.8930, 90.1230,
90.3070

■ 151.1750, 52.7170,
52.3410

■ 86.1540, 93.8820,
93.7700

■ 165.8160, 43.1820,
43.4220

■ 180.9300, 33.6930,
33.6690

■ 195.4570, 24.4790,
24.4390

209.9840, 15.2650,
15.2090

225.2120, 5.4550,
5.7670

239.7390, -3.7590,
-3.4630

247.8090, -9.9480,
-6.9400

Harmonies

Analogous

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



134.5340, 9.5260, 58.6620



121.5340, 71.4200, 71.3240



115.5490, 101.4540, 55.6460

Triad

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



121.5340, 71.4200, 71.3240



119.5550, 36.0000, -46.7200



118.7380, -116.6380, -11.7260

Complementary

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



121.5340, 71.4200, 71.3240



168.4660, -71.4200, -71.3240

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.



113.7730, -98.5240, -31.6440



121.5340, 71.4200, 71.3240



100.0220, -34.8790, -67.2550

Square

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



121.5340, 71.4200, 71.3240



123.9830, 76.6180, -22.9180



104.6190, -75.5040, -52.3680



115.9460, -122.5550, 1.9010

Rectangle

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



121.5340, 71.4200, 71.3240



120.2720, 102.6510, 28.4350



104.6190, -75.5040, -52.3680



117.9740, -111.7310, -18.0590

Sweetspot

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



121.5340, 71.4200, 71.3240



217.7450, 23.6080, 23.7040



96.6240, -16.6100, 69.7740



105.1580, 14.7150, 14.1630



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.



121.5340, 71.4200, 71.3240



108.4420, 93.0110, 93.0350



111.6160, 99.3470, 44.2670



110.0870, 4.3090, 4.5090



66.6590, 72.5660, 72.5820



19.7940, 21.9120, 21.4000

Inverse Universe

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



121.5340, 71.4200, 71.3240



108.4420, 93.0110, 93.0350



178.3840, -99.3470, -44.2670



110.0870, 4.3090, 4.5090



66.6590, 72.5660, 72.5820



19.7940, 21.9120, 21.4000

Previews

White Background



This preview shows how the YIQ color 121.5340, 71.4200, 71.3240 looks on a white background.

Color Contrast Check

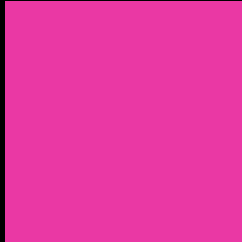
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.5340, 71.4200, 71.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

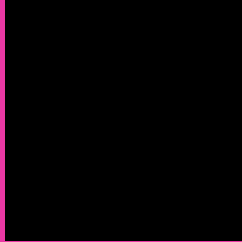
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.5340, 71.4200, 71.3240

Background



This preview shows how black text looks on a background with the YIQ color 121.5340, 71.4200, 71.3240.



This preview shows how white text looks on a background with the YIQ color 121.5340, 71.4200, 71.3240.

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

121.5340, 71.4200, 71.3240

Protanopia

130.0510, -47.5950, 20.0610

Deuteranopia

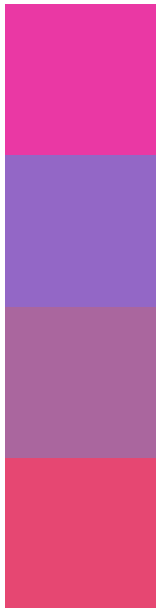
133.4590, -5.3660, 9.1460



Tritanopia

124.8220, 86.6030, 32.9310

Trichromacy



Original Color

121.5340, 71.4200, 71.3240

Protanomaly

126.9860, -4.2710, 38.8730

Deuteranomaly

128.7160, 22.5520, 31.8320

Tritanomaly

123.4430, 80.9610, 47.0810

Monochromacy



Original Color

121.5340, 71.4200, 71.3240

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.8810, 26.2210, 25.9090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.5340, 71.4200, 71.3240 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(234, 56, 164)` looks like.

```
.text, #text, p{  
    color:rgb(234, 56, 164)  
}
```

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(234, 56, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 56, 164) }
```

Border

The CSS property to change the border of an element to YIQ 121.5340, 71.4200, 71.3240 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(234, 56, 164) }
```


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

```
.border{ border-color:rgb(234, 56, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 56, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 56, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 56, 164);  
box-shadow:4px 4px 4px 4px rgb(234, 56,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 121.5340, 71.4200, 71.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 56, 164) }
```

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

```
.background{ background-color: rgb(234, 56,  
164) }
```

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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