

Converting Colors

XYZ(71.4295, 64.2966, 85.8824)

Have a look what the booklet for
XYZ(71.4295, 64.2966, 85.8824)
contains.

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Color

**XYZ(71.4101, 64.4177,
85.7609)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C4E9
RGB	243, 196, 233
RGB Percent	95%, 77%, 91%
CMY	0.0471, 0.2314, 0.0863
CMYK	0.00, 0.19, 0.04, 0.05
HSL	313°, 66%, 86%
HSV	313°, 19%, 95%
XYZ	71.4101, 64.4177, 85.7609
YIQ	214.2710, 16.1350, 21.4710

Conversions

Conversions Part 2

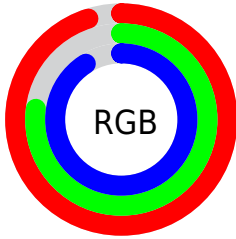
Format	Color
R _Y B	243, 196, 233
Decimal	15975657
CIE Lab	84.18, 22.72, -11.97
CIE LCh	84, 25.685, 332.213
Yxy	64.4177, 0.3223, 0.2907
Android (android.graphics.Color)	4294165737 (0xFFFF3C4E9)
YUV	214.2710, 9.2334, 25.1953
Hunter-Lab	80.2606, 18.3602, -7.1707

Details

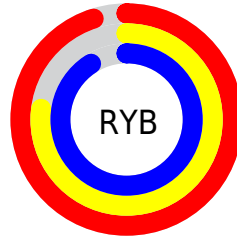
The XYZ color **71.4101, 64.4177, 85.7609** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.9587, 80.2952, 70.4184**, and the grayscale version is **64.0327, 67.3674, 73.3631**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **37.8585, 32.9594, 45.9614** is the 20% darker color. If you saturate the color by 10%, you get **65.6392, 54.0400, 80.2465**, and if you desaturate by 10%, it is **78.0941, 76.5851, 91.6879**.

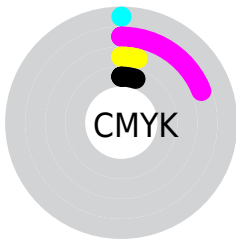
Distribution



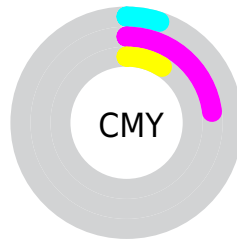
- Red (95%)
- Green (77%)
- Blue (91%)



- Red (95%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4101, 64.4177, 85.7609 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 XYZ color 71.4101, 64.4177, 85.7609 by changing the saturation by 10% instead.

71.4101, 64.4177,
85.7609

71.4101, 64.4177,
85.7609

454.6753,
440.6965, 534.3526

52.9607, 46.9891,
63.9165

120.2328,
111.2123, 143.3194

37.9987, 33.0270,
46.1373

151.3368,
141.3470, 179.8705

26.1589, 22.1471,
32.0047

187.3897,
176.4859, 222.1610

17.0759, 13.9651,
21.1003

228.7569,
217.0133, 270.6094

10.3842, 8.0964,
13.0054

275.8037,
263.3137, 325.6342

5.7187, 4.1567,
7.3015

328.8955,

2.7138, 1.7616,

315.7714, 387.6540

3.5700

388.3976,
374.7709, 457.0873

■ 1.0043, 0.4631,
1.3926

■ 0.0000, 0.0000,
0.1359

■ 71.4101, 64.4177,
85.7609

■ 71.4101, 64.4177,
85.7609

■ 65.6392, 54.0400,
80.2465

■ 78.0941, 76.5851,
91.6879

■ 60.7329, 45.3580,
75.1255

■ 85.7255, 90.6133,
98.0377

■ 56.6467, 38.2822,
70.3829

■ 89.7458, 97.3842,
103.2924

■ 53.3299, 32.7112,
66.0008

■ 90.5616, 97.7105,
107.5884

■ 50.7258, 28.5324,
61.9594

■ 90.7727, 97.7950,
108.6998

■ 48.7699, 25.6168,
58.2362

■ 47.3857, 23.8118,
54.8049

■ 46.4540, 22.8794,
51.6246

■ 46.3989, 22.8295,
51.4203

Harmonies

Analogous

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



67.2377, 64.4177, 100.0830



71.4101, 64.4177, 85.7609



72.8059, 64.4177, 68.9385

Triad

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



71.4101, 64.4177, 85.7609



60.8061, 64.4177, 43.2897



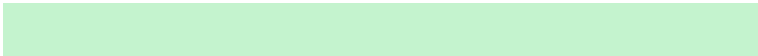
52.4409, 64.4177, 88.1764

Complementary

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



71.4101, 64.4177, 85.7609



65.9587, 80.2952, 70.4184

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.



50.9460, 64.4177, 71.3552



71.4101, 64.4177, 85.7609



55.5858, 64.4177, 46.8579

Square

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



71.4101, 64.4177, 85.7609



66.4628, 64.4177, 45.9406



52.0613, 64.4177, 56.5412



56.2738, 64.4177, 101.6224

Rectangle

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



71.4101, 64.4177, 85.7609



71.9087, 64.4177, 58.9634



52.0613, 64.4177, 56.5412



51.6594, 64.4177, 82.6464

Sweetspot

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



71.4120, 64.4205, 85.7623



89.8420, 90.4158, 104.5999



61.2077, 58.9902, 92.9556



19.1136, 19.1393, 22.2907



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4120, 64.4205, 85.7623



77.1642, 67.3400, 93.3452



68.3497, 63.1956, 69.6365



17.0538, 16.7044, 20.0297



25.5165, 12.5500, 28.4919



2.2795, 1.1177, 2.6980

Inverse Universe

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



71.4120, 64.4205, 85.7623



77.1642, 67.3400, 93.3452



68.9467, 81.4904, 86.1529



17.0538, 16.7044, 20.0297



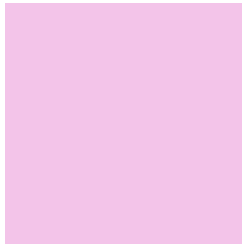
25.5165, 12.5500, 28.4919



2.2795, 1.1177, 2.6980

Previews

White Background



This preview shows how the XYZ color 71.4101, 64.4177, 85.7609 looks on a white background.

Color Contrast Check

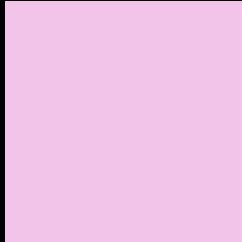
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.4101, 64.4177, 85.7609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

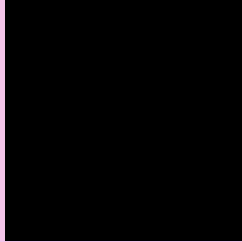
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4101, 64.4177, 85.7609

Background



This preview shows how black text looks on a background with the XYZ color 71.4101, 64.4177, 85.7609.



This preview shows how white text looks on a background with the XYZ color 71.4101, 64.4177,

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

71.4101, 64.4177, 85.7609

Protanopia

63.8545, 64.9309, 92.3865

Deuteranopia

65.8355, 64.3274, 84.5478



Tritanopia

68.6243, 64.2784, 73.0801

Trichromacy



Original Color

71.4101, 64.4177, 85.7609

Protanomaly

66.2389, 64.4188, 89.8318

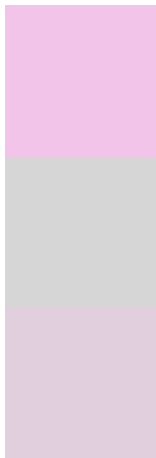
Deuteranomaly

67.7652, 64.2575, 85.1753

Tritanomaly

69.6545, 64.3629, 77.8593

Monochromacy



Original Color

71.4101, 64.4177, 85.7609

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

66.4153, 65.8537, 77.6172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4101, 64.4177, 85.7609 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(243, 196, 233)` looks like.

```
.text, #text, p{  
    color:rgb(243, 196, 233)  
}
```

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(243, 196, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 196, 233) }
```

Border

The CSS property to change the border of an element to XYZ 71.4101, 64.4177, 85.7609 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(243, 196, 233) }
```


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

```
.border{ border-color:rgb(243, 196, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 196, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 196, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 196, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 196,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4101, 64.4177, 85.7609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 196, 233) }
```

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

```
.background{ background-color: rgb(243,  
196, 233) }
```

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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