

Converting Colors

XYZ(71.1950, 65.5573, 81.4824)

Have a look what the booklet for
XYZ(71.1950, 65.5573, 81.4824)
contains.

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Color

**XYZ(71.2507, 65.4476,
81.5504)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C7E3
RGB	243, 199, 227
RGB Percent	95%, 78%, 89%
CMY	0.0471, 0.2196, 0.1098
CMYK	0.00, 0.18, 0.07, 0.05
HSL	322°, 65%, 87%
HSV	322°, 18%, 95%
XYZ	71.2507, 65.4476, 81.5504
YIQ	215.3480, 17.2360, 18.0360

Conversions

Conversions Part 2

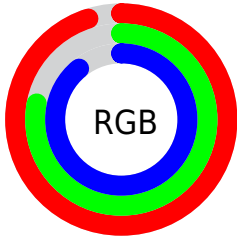
Format	Color
R _{YB}	243, 199, 227
Decimal	15976419
CIE Lab	84.71, 20.10, -7.98
CIE LCh	85, 21.623, 338.331
Yxy	65.4476, 0.3265, 0.2999
Android (android.graphics.Color)	4294166499 (0xFFFF3C7E3)
YUV	215.3480, 5.7444, 24.2508
Hunter-Lab	80.8997, 15.6357, -3.1371

Details

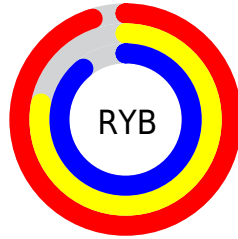
The XYZ color **71.2507, 65.4476, 81.5504** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.8721, 81.1514, 76.3803**, and the grayscale version is **64.7828, 68.1566, 74.2225**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8215, 33.6685, 43.5350** is the 20% darker color. If you saturate the color by 10%, you get **64.9117, 54.6709, 73.5736**, and if you desaturate by 10%, it is **78.5489, 78.0406, 90.1573**.

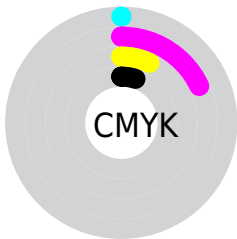
Distribution



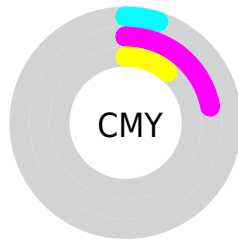
- Red (95%)
- Green (78%)
- Blue (89%)



- Red (95%)
- Yellow (78%)
- Blue (89%)



- Cyan (0%)
- Magenta (18%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2507, 65.4476, 81.5504 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 71.2507, 65.4476, 81.5504 by changing the saturation by 10% instead.

71.2507, 65.4476,
81.5504

71.2507, 65.4476,
81.5504

454.1276,
444.3987, 519.9865

52.8301, 47.8241,
60.4614

120.0072,
112.6931, 137.3743

37.8941, 33.6876,
43.3629

151.0738,
143.0840, 172.9463

26.0773, 22.6537,
29.8364

187.0864,
178.4994, 214.1830

17.0145, 14.3380,
19.4635

228.4104,
219.3237, 261.5030

10.3402, 8.3561,
11.8255

275.4112,
265.9414, 315.3248

5.6891, 4.3237,
6.5038

328.4541,

2.6958, 1.8562,

318.7369, 376.0670

3.0801

387.9044,
378.0945, 444.1480

■ 0.9950, 0.5219,
1.1357

■ 0.0000, 0.0000,
0.0000

■ 71.2507, 65.4476,
81.5504

■ 71.2507, 65.4476,
81.5504

■ 64.9117, 54.6709,
73.5736

■ 78.5489, 78.0406,
90.1573

■ 59.4829, 45.6169,
66.2038

■ 86.8409, 92.5204,
99.4082

■ 54.9195, 38.1966,
59.4222

■ 90.5340, 97.6995,
107.4438

■ 51.1708, 32.3098,
53.2069

■ 90.7726, 97.7949,
108.6998

■ 48.1799, 27.8448,
47.5341

■ 45.8829, 24.6750,
42.3775

■ 44.2039, 22.6507,
37.7067

■ 43.0390, 21.5655,
33.4815

■ 42.8478, 21.4090,
32.7212

Harmonies

Analogous

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



68.1510, 65.4476, 94.2511



71.2507, 65.4476, 81.5504



71.8642, 65.4476, 67.4734

Triad

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



71.2507, 65.4476, 81.5504



60.8689, 65.4476, 48.0326



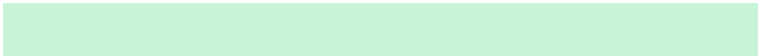
55.1953, 65.4476, 89.0801

Complementary

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



71.2507, 65.4476, 81.5504



67.8721, 81.1514, 76.3803

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.



53.4543, 65.4476, 75.1884



71.2507, 65.4476, 81.5504



56.6171, 65.4476, 52.3515

Square

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



71.2507, 65.4476, 81.5504



65.7019, 65.4476, 49.2735



53.9610, 65.4476, 61.8762



58.8363, 65.4476, 98.9754

Rectangle

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



71.2507, 65.4476, 81.5504



70.7522, 65.4476, 59.3596



53.9610, 65.4476, 61.8762



54.3773, 65.4476, 84.6562

Sweetspot

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



71.2526, 65.4505, 81.5518



90.3789, 91.8381, 103.7044



64.4522, 61.6776, 93.3029



19.2092, 19.4209, 22.0439



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.



71.2526, 65.4505, 81.5518



76.5778, 68.0358, 87.3893



68.4799, 64.3414, 66.9511



16.9430, 16.6600, 19.4463



23.5832, 11.7767, 18.3111



2.1219, 1.0547, 1.8685

Inverse Universe

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



71.2526, 65.4505, 81.5518



76.5778, 68.0358, 87.3893



70.8044, 82.3243, 91.8217



16.9430, 16.6600, 19.4463



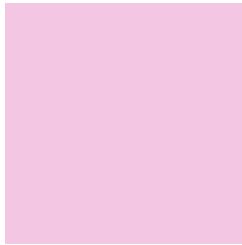
23.5832, 11.7767, 18.3111



2.1219, 1.0547, 1.8685

Previews

White Background



This preview shows how the XYZ color 71.2507, 65.4476, 81.5504 looks on a white background.

Color Contrast Check

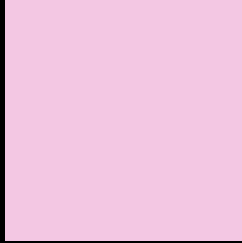
Large Text (above 18pt) WCAG AA × Fail

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 71.2507, 65.4476, 81.5504 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 71.2507, 65.4476, 81.5504

Background



This preview shows how black text looks on a background with the XYZ color 71.2507, 65.4476, 81.5504.



This preview shows how white text looks on a background with the XYZ color 71.2507, 65.4476,

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

71.2507, 65.4476, 81.5504

Protanopia

64.1924, 65.5890, 87.1185

Deuteranopia

67.1628, 65.8024, 81.1128



Tritanopia

69.8993, 65.6084, 73.9453

Trichromacy



Original Color

71.2507, 65.4476, 81.5504

Protanomaly

66.3139, 65.2843, 84.7073

Deuteranomaly

68.3621, 65.3587, 80.9639

Tritanomaly

70.1905, 65.3531, 76.6251

Monochromacy



Original Color

71.2507, 65.4476, 81.5504

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.6380, 66.7230, 76.3845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2507, 65.4476, 81.5504 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, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(243, 199, 227)  
}
```

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, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 199, 227) }
```

Border

The CSS property to change the border of an element to XYZ 71.2507, 65.4476, 81.5504 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, 199, 227) }
```


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

```
.border{ border-color:rgb(243, 199, 227) }
```

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

Here you see how a box with a 4 pixel rgb(243, 199, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 199, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 199, 227);  
box-shadow:4px 4px 4px 4px rgb(243, 199,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2507, 65.4476, 81.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 199, 227) }
```

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

```
.background{ background-color: rgb(243,  
199, 227) }
```

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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