

Converting Colors

XYZ(71.1757, 64.0513, 85.8656)

Have a look what the booklet for
XYZ(71.1757, 64.0513, 85.8656)
contains.

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Color

**XYZ(71.1852, 63.9681,
85.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C3E9
RGB	243, 195, 233
RGB Percent	95%, 76%, 91%
CMY	0.0471, 0.2353, 0.0863
CMYK	0.00, 0.20, 0.04, 0.05
HSL	313°, 67%, 86%
HSV	313°, 20%, 95%
XYZ	71.1852, 63.9681, 85.6860
YIQ	213.6840, 16.4100, 21.9940

Conversions

Conversions Part 2

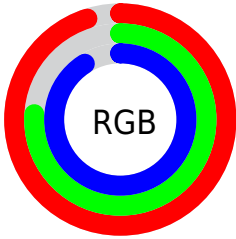
Format	Color
R _Y B	243, 195, 233
Decimal	15975401
CIE Lab	83.95, 23.25, -12.32
CIE LCh	84, 26.316, 332.078
Yxy	63.9681, 0.3223, 0.2897
Android (android.graphics.Color)	4294165481 (0xFFFF3C3E9)
YUV	213.6840, 9.5228, 25.7101
Hunter-Lab	79.9801, 18.9065, -7.5338

Details

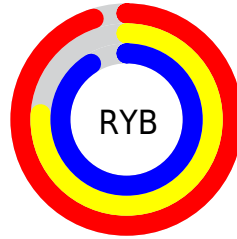
The XYZ color **71.1852, 63.9681, 85.6860** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.5782, 80.1128, 69.7682**, and the grayscale version is **63.6361, 66.9502, 72.9087**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **37.7104, 32.6632, 45.9120** is the 20% darker color. If you saturate the color by 10%, you get **65.4649, 53.6676, 80.2623**, and if you desaturate by 10%, it is **77.8160, 76.0545, 91.5170**.

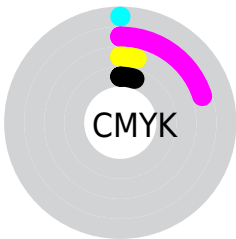
Distribution



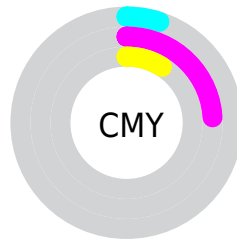
- Red (95%)
- Green (76%)
- Blue (91%)



- Red (95%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.1852, 63.9681, 85.6860 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 71.1852, 63.9681, 85.6860 by changing the saturation by 10% instead.


 71.1852, 63.9681,
85.6860

 71.1852, 63.9681,
85.6860


453.9024,
439.0744, 534.0989

 52.7764, 46.6248,
63.8549

 119.9145,
110.5650, 143.2139

 37.8511, 32.7392,
46.0878


150.9657,
140.5874, 179.7478

 26.0438, 21.9267,
31.9659


186.9617,
175.6050, 222.0198

 16.9893, 13.8031,
21.0709

228.2680,
216.0022, 270.4483

 10.3221, 7.9838,
12.9841

275.2499,
262.1633, 325.4519

 5.6769, 4.0846,
7.2870

328.2726,

 2.6884, 1.7210,

314.4728, 387.4492

3.5611

387.7017,
373.3150, 456.8587

■ 0.9912, 0.4372,
1.3878

■ 0.0000, 0.0000,
0.1322

■ 71.1852, 63.9681,
85.6860

■ 71.1852, 63.9681,
85.6860

■ 65.4649, 53.6676,
80.2623

■ 77.8160, 76.0545,
91.5170

■ 60.6065, 45.0589,
75.2268

■ 85.3917, 89.9981,
97.7655

■ 56.5654, 38.0520,
70.5644

■ 89.6954, 97.3640,
103.0274

■ 53.2905, 32.5452,
66.2572

■ 90.4926, 97.6829,
107.2253

■ 50.7250, 28.4253,
62.2854

■ 90.7726, 97.7949,
108.6998

■ 48.8041, 25.5626,
58.6266

■ 47.4505, 23.8031,
55.2541

■ 46.5388, 22.8959,
52.1250

■ 46.5182, 22.8772,
52.0491

Harmonies

Analogous

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



66.9108, 63.9681, 100.3366



71.1852, 63.9681, 85.6860



72.6275, 63.9681, 68.4996

Triad

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



71.1852, 63.9681, 85.6860



60.3966, 63.9681, 42.3815



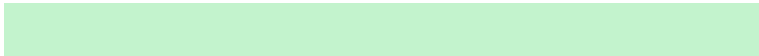
51.8394, 63.9681, 88.0078

Complementary

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



71.1852, 63.9681, 85.6860



65.5782, 80.1128, 69.7682

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.



50.3314, 63.9681, 70.8139



71.1852, 63.9681, 85.6860



55.0726, 63.9681, 45.9610

Square

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



71.1852, 63.9681, 85.6860



66.1676, 63.9681, 45.0895



51.4770, 63.9681, 55.7517



55.7304, 63.9681, 101.8198

Rectangle

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



71.1852, 63.9681, 85.6860



71.7198, 63.9681, 58.3321



51.4770, 63.9681, 55.7517



51.0486, 63.9681, 82.3455

Sweetspot

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



71.1871, 63.9709, 85.6874



89.8528, 90.4201, 104.6566



60.7622, 58.4269, 92.8700



19.1161, 19.1403, 22.3042



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.



71.1871, 63.9709, 85.6874



76.5517, 66.1804, 92.9399



68.0377, 62.7112, 69.1029



17.0571, 16.7057, 20.0470



25.5813, 12.5760, 28.8334



2.2846, 1.1198, 2.7252

Inverse Universe

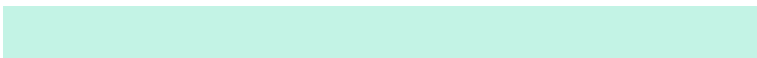
The Inverse Universe completely reimagines the original color for something new.



71.1871, 63.9709, 85.6874



76.5517, 66.1804, 92.9399



68.6455, 81.3397, 85.9203



17.0571, 16.7057, 20.0470



25.5813, 12.5760, 28.8334



2.2846, 1.1198, 2.7252

Previews

White Background



This preview shows how the XYZ color 71.1852, 63.9681, 85.6860 looks on a white background.

Color Contrast Check

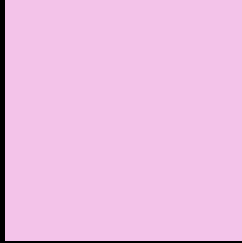
Large Text (above 18pt) WCAG AA × Fail

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 71.1852, 63.9681, 85.6860 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 71.1852, 63.9681, 85.6860

Background



This preview shows how black text looks on a background with the XYZ color 71.1852, 63.9681, 85.6860.



This preview shows how white text looks on a background with the XYZ color 71.1852, 63.9681,

85.6860.

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

71.1852, 63.9681, 85.6860

Protanopia

63.3349, 64.3000, 92.2921

Deuteranopia

65.5319, 64.1709, 84.5336



Tritanopia

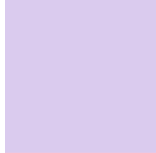
68.2669, 63.7685, 72.3288

Trichromacy



Original Color

71.1852, 63.9681, 85.6860



Protanomaly

65.7020, 63.7903, 89.7388



Deuteranomaly

67.4470, 64.0935, 85.1604



Tritanomaly

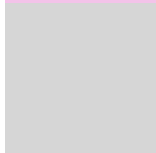
69.2930, 63.8537, 77.0795

Monochromacy



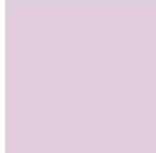
Original Color

71.1852, 63.9681, 85.6860



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 71.1852, 63.9681, 85.6860 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, 195, 233)` looks like.

```
.text, #text, p{  
    color:rgb(243, 195, 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, 195, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 233) }
```

Border

The CSS property to change the border of an element to XYZ 71.1852, 63.9681, 85.6860 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, 195, 233) }
```


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

```
.border{ border-color:rgb(243, 195, 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, 195, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 195, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 195, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 195,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1852, 63.9681, 85.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 195, 233) }
```

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

```
.background{ background-color: rgb(243,  
195, 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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