

Converting Colors

XYZ(71.8931, 65.9538, 89.1714)

Have a look what the booklet for
XYZ(71.8931, 65.9538, 89.1714)
contains.

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Color

**XYZ(71.8755, 65.9482,
89.0618)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0C8ED |
| RGB | 240, 200, 237 |
| RGB Percent | 94%, 78%, 93% |
| CMY | 0.0588, 0.2157, 0.0706 |
| CMYK | 0.00, 0.17, 0.01, 0.06 |
| HSL | 305°, 57%, 86% |
| HSV | 305°, 17%, 94% |
| XYZ | 71.8755, 65.9482, 89.0618 |
| YIQ | 216.1780, 11.9630, 19.9870 |

Conversions

Conversions Part 2

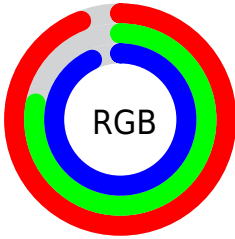
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 240, 200, 237 |
| Decimal | 15780077 |
| CIE Lab | 84.97, 20.32, -12.96 |
| CIE LCh | 85, 24.095, 327.471 |
| Yxy | 65.9482, 0.3168, 0.2907 |
| Android (android.graphics.Color) | 4293970157 (0xFFF0C8ED) |
| YUV | 216.1780, 10.2652, 20.8919 |
| Hunter-Lab | 81.2085, 15.8708, -8.1777 |

Details

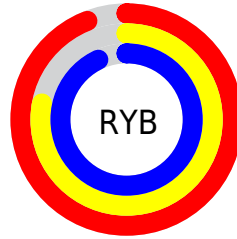
The XYZ color **71.8755, 65.9482, 89.0618** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7615, 78.9132, 68.2692**, and the grayscale version is **65.3197, 68.7214, 74.8376**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3865, 34.0843, 48.2718** is the 20% darker color. If you saturate the color by 10%, you get **66.4865, 55.5880, 85.9749**, and if you desaturate by 10%, it is **78.1435, 78.0601, 92.4563**.

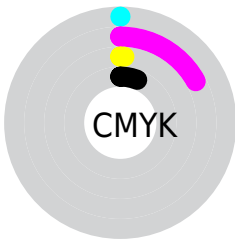
Distribution



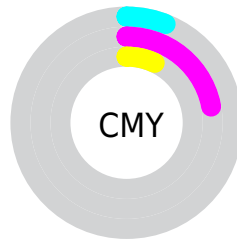
- Red (94%)
- Green (78%)
- Blue (93%)



- Red (94%)
- Yellow (78%)
- Blue (93%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (6%)





- Cyan (6%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8755, 65.9482, 89.0618 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 71.8755, 65.9482, 89.0618 by changing the saturation by 10% instead.


 71.8755, 65.9482,
89.0618

 71.8755, 65.9482,
89.0618


456.2725,
446.1916, 545.4653

 53.3421, 48.2304,
66.6334


120.8913,
113.4120, 147.9586

 38.3045, 34.0093,
48.3271


152.1043,
143.9267, 185.2642

 26.3974, 22.9008,
33.7241


188.2746,
179.4759, 228.3658

 17.2554, 14.5203,
22.4061

229.7676,
220.4438, 277.6822

 10.5132, 8.4834,
13.9544

276.9485,
267.2150, 333.6318

 5.8054, 4.4058,
7.9506

330.1827,

 2.7666, 1.9030,

320.1737, 396.6332

3.9760

389.8356,
379.7045, 467.1048

■ 1.0316, 0.5502,
1.6122

■ 0.0000, 0.0000,
0.2995

■ 71.8755, 65.9482,
89.0618

■ 71.8755, 65.9482,
89.0618

■ 66.4865, 55.5880,
85.9749

■ 78.1435, 78.0601,
92.4563

■ 61.9300, 46.8898,
83.1777

■ 85.3226, 91.9909,
96.1667

■ 58.1643, 39.7687,
80.6571

■ 87.7832, 96.4805,
98.3175

■ 55.1413, 34.1291,
78.3970

■ 88.0556, 96.5895,
99.7519

52.8082, 29.8649,
76.3797

88.3307, 96.6995,
101.2005

51.1049, 26.8562,
74.5852

88.6085, 96.8106,
102.6631

49.9611, 24.9623,
72.9900

88.8889, 96.9228,
104.1399

49.2878, 24.0054,
71.5644

89.1720, 97.0361,
105.6309

49.1203, 23.7994,
71.1108

89.4579, 97.1504,
107.1362

Harmonies

Analogous

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



67.6081, 65.9482, 101.6418



71.8755, 65.9482, 89.0618



73.6683, 65.9482, 73.1298

Triad

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



71.8755, 65.9482, 89.0618



63.1422, 65.9482, 45.9485



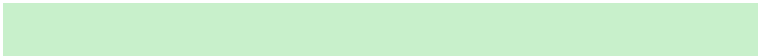
53.8912, 65.9482, 86.4575

Complementary

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



71.8755, 65.9482, 89.0618



65.7615, 78.9132, 68.2692

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.



52.8457, 65.9482, 70.4990



71.8755, 65.9482, 89.0618



58.0008, 65.9482, 48.4681

Square

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



71.8755, 65.9482, 89.0618



68.4482, 65.9482, 49.4874



54.3075, 65.9482, 56.9374



57.2487, 65.9482, 99.9925

Rectangle

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



71.8755, 65.9482, 89.0618



73.1460, 65.9482, 63.2216



54.3075, 65.9482, 56.9374



53.2664, 65.9482, 81.1351

Sweetspot

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



71.8775, 65.9511, 89.0632



90.9630, 92.0717, 106.7799



60.9232, 60.2529, 90.8582



19.3515, 19.4778, 22.7931



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.



71.8775, 65.9511, 89.0632



80.2730, 71.4218, 100.9659



69.1595, 64.8639, 74.7506



16.4001, 16.0098, 19.6631



26.9109, 13.0368, 39.0427



2.2539, 1.0906, 3.3278

Inverse Universe

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



71.8775, 65.9511, 89.0632



80.2730, 71.4218, 100.9659



68.2562, 79.9111, 81.4058



16.4001, 16.0098, 19.6631



26.9109, 13.0368, 39.0427



2.2539, 1.0906, 3.3278

Previews

White Background



This preview shows how the XYZ color 71.8755, 65.9482, 89.0618 looks on a white background.

Color Contrast Check

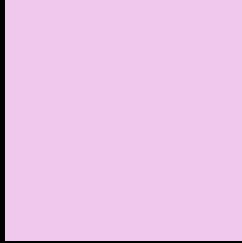
Large Text (above 18pt) WCAG AA × Fail

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 71.8755, 65.9482, 89.0618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

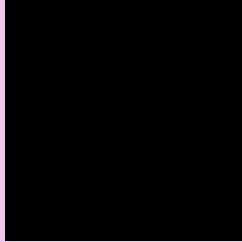
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8755, 65.9482, 89.0618

Background



This preview shows how black text looks on a background with the XYZ color 71.8755, 65.9482, 89.0618.



This preview shows how white text looks on a background with the XYZ color 71.8755, 65.9482,

89.0618.

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

71.8755, 65.9482, 89.0618

Protanopia

65.3555, 66.3856, 94.9570

Deuteranopia

67.5773, 66.2114, 88.5752



Tritanopia

69.0672, 65.8309, 76.0842

Trichromacy



Original Color

71.8755, 65.9482, 89.0618

Protanomaly

67.4034, 66.0366, 92.4129

Deuteranomaly

69.0463, 65.8999, 88.4377

Tritanomaly

70.1079, 65.9092, 80.9782

Monochromacy



Original Color

71.8755, 65.9482, 89.0618

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.5525, 67.4826, 79.9860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8755, 65.9482, 89.0618 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(240, 200, 237)` looks like.

```
.text, #text, p{  
    color:rgb(240, 200, 237)  
}
```

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(240, 200, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 200, 237) }
```

Border

The CSS property to change the border of an element to XYZ 71.8755, 65.9482, 89.0618 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(240, 200, 237) }
```


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

```
.border{ border-color:rgb(240, 200, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 200, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 200, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 200, 237);  
box-shadow:4px 4px 4px 4px rgb(240, 200,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8755, 65.9482, 89.0618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 200, 237) }
```

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

```
.background{ background-color: rgb(240,  
200, 237) }
```

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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