

Converting Colors

XYZ(72.0923, 66.5697, 88.5585)

Have a look what the booklet for
XYZ(72.0923, 66.5697, 88.5585)
contains.

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Color

**XYZ(71.9621, 66.3547,
88.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C9EC
RGB	240, 201, 236
RGB Percent	94%, 79%, 93%
CMY	0.0588, 0.2117, 0.0745
CMYK	0.00, 0.16, 0.02, 0.06
HSL	306°, 57%, 86%
HSV	306°, 16%, 94%
XYZ	71.9621, 66.3547, 88.3718
YIQ	216.6510, 12.0090, 19.1530

Conversions

Conversions Part 2

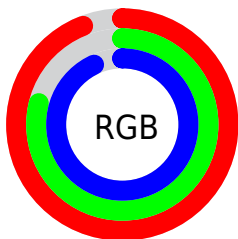
Format	Color
R _Y B	240, 201, 236
Decimal	15780332
CIE Lab	85.18, 19.61, -12.12
CIE LCh	85, 23.047, 328.286
Yxy	66.3547, 0.3174, 0.2927
Android (android.graphics.Color)	4293970412 (0xFFFF0C9EC)
YUV	216.6510, 9.5391, 20.4771
Hunter-Lab	81.4584, 15.1386, -7.3011

Details

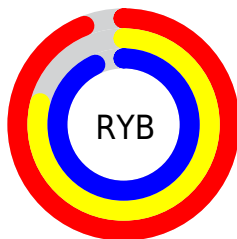
The XYZ color **71.9621, 66.3547, 88.3718** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.2695, 79.1473, 69.5453**, and the grayscale version is **65.6472, 69.0660, 75.2129**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4391, 34.3531, 47.7849** is the 20% darker color. If you saturate the color by 10%, you get **66.4440, 55.8860, 84.7805**, and if you desaturate by 10%, it is **78.3631, 78.5793, 92.2832**.

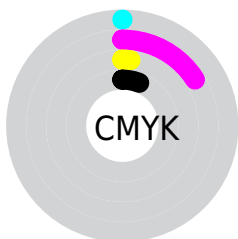
Distribution



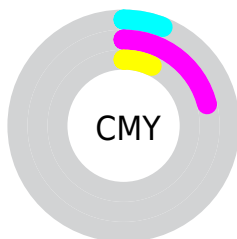
- Red (94%)
- Green (79%)
- Blue (93%)



- Red (94%)
- Yellow (79%)
- Blue (93%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9621, 66.3547, 88.3718 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 71.9621, 66.3547, 88.3718 by changing the saturation by 10% instead.

71.9621, 66.3547,
88.3718

71.9621, 66.3547,
88.3718

456.5694,
447.6443, 543.1529

53.4131, 48.5604,
66.0649

121.0137,
113.9953, 146.9904

38.3614, 34.2709,
47.8683

152.2471,
144.6103, 184.1391

26.4418, 23.1018,
33.3634

188.4392,
180.2678, 227.0723

17.2889, 14.6687,
22.1316

229.9555,
221.3520, 276.2084

10.5372, 8.5872,
13.7544

277.1613,
268.2473, 331.9660

5.8216, 4.4729,
7.8132

330.4220,

2.7765, 1.9415,

321.3382, 394.7635

3.8896

390.1029,
381.0091, 465.0196

■ 1.0367, 0.5731,
1.5650

■ 0.0000, 0.0000,
0.2656

■ 71.9621, 66.3547,
88.3718

■ 71.9621, 66.3547,
88.3718

■ 66.4440, 55.8860,
84.7805

■ 78.3631, 78.5793,
92.2832

■ 61.7625, 47.0836,
81.4916

■ 85.6791, 92.6269,
96.5233

■ 57.8758, 39.8631,
78.4917

■ 87.9318, 96.5399,
99.1001

■ 54.7363, 34.1291,
75.7650

■ 88.3069, 96.6900,
101.0757

■ 52.2912, 29.7762,
73.2936

■ 88.6871, 96.8421,
103.0777

■ 50.4808, 26.6850,
71.0577

■ 89.0723, 96.9962,
105.1062

■ 49.2353, 24.7157,
69.0338

■ 89.4626, 97.1523,
107.1612

■ 48.4677, 23.6947,
67.1928

■ 89.7456, 97.2655,
108.6518

■ 48.2506, 23.4515,
66.5318

Harmonies

Analogous

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



67.9260, 66.3547, 100.5129



71.9621, 66.3547, 88.3718



73.5997, 66.3547, 73.1088

Triad

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



71.9621, 66.3547, 88.3718



63.3677, 66.3547, 47.2395



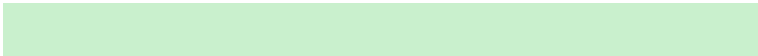
54.6667, 66.3547, 86.6861

Complementary

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



71.9621, 66.3547, 88.3718



66.2695, 79.1473, 69.5453

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.



53.5925, 66.3547, 71.3960



71.9621, 66.3547, 88.3718



58.4476, 66.3547, 49.8525

Square

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



71.9621, 66.3547, 88.3718



68.4716, 66.3547, 50.5242



54.9390, 66.3547, 58.2171



57.9567, 66.3547, 99.4494

Rectangle

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



71.9621, 66.3547, 88.3718



73.0464, 66.3547, 63.6314



54.9390, 66.3547, 58.2171



54.0427, 66.3547, 81.6115

Sweetspot

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



71.9641, 66.3576, 88.3732



90.9067, 92.0492, 106.4837



61.7670, 61.0329, 90.9641



19.3377, 19.4723, 22.7208



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.



71.9641, 66.3576, 88.3732



80.7040, 72.5719, 100.2215



69.2965, 65.2906, 74.3258



16.3803, 16.0018, 19.5589



26.4418, 12.8492, 36.5728



2.2197, 1.0769, 3.1477

Inverse Universe

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



71.9641, 66.3576, 88.3732



80.7040, 72.5719, 100.2215



68.7586, 80.1429, 82.6531



16.3803, 16.0018, 19.5589



26.4418, 12.8492, 36.5728



2.2197, 1.0769, 3.1477

Previews

White Background



This preview shows how the XYZ color 71.9621, 66.3547, 88.3718 looks on a white background.

Color Contrast Check

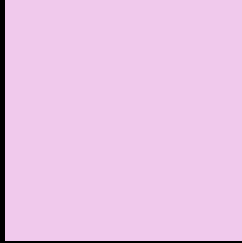
Large Text (above 18pt) WCAG AA × Fail

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 71.9621, 66.3547, 88.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

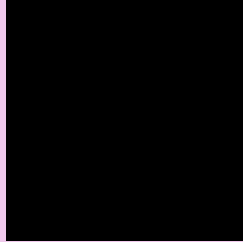
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9621, 66.3547, 88.3718

Background



This preview shows how black text looks on a background with the XYZ color 71.9621, 66.3547, 88.3718.



This preview shows how white text looks on a background with the XYZ color 71.9621, 66.3547,

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

71.9621, 66.3547, 88.3718

Protanopia

65.4844, 66.4695, 94.1725

Deuteranopia

68.0487, 66.4711, 87.8409



Tritanopia

69.7710, 66.5302, 76.8744

Trichromacy



Original Color

71.9621, 66.3547, 88.3718

Protanomaly

67.5562, 66.1326, 91.6423

Deuteranomaly

69.4598, 66.4838, 87.7690

Tritanomaly

70.6800, 66.5536, 81.0724

Monochromacy



Original Color

71.9621, 66.3547, 88.3718

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.8001, 67.9779, 80.0686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9621, 66.3547, 88.3718 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, 201, 236)` looks like.

```
.text, #text, p{  
    color:rgb(240, 201, 236)  
}
```

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, 201, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 201, 236) }
```

Border

The CSS property to change the border of an element to XYZ 71.9621, 66.3547, 88.3718 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, 201, 236) }
```


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

```
.border{ border-color:rgb(240, 201, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 201, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 201, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 201, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 201,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9621, 66.3547, 88.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 201, 236) }
```

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

```
.background{ background-color: rgb(240,  
201, 236) }
```

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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