

Converting Colors

XYZ(73.5409, 66.4399, 91.6736)

Have a look what the booklet for XYZ(73.5409, 66.4399, 91.6736) contains.

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Color

**XYZ(73.4598, 66.3712,
91.3772)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4C7F0 |
| RGB | 244, 199, 240 |
| RGB Percent | 96%, 78%, 94% |
| CMY | 0.0431, 0.2196, 0.0588 |
| CMYK | 0.00, 0.18, 0.02, 0.04 |
| HSL | 305°, 67%, 87% |
| HSV | 305°, 18%, 96% |
| XYZ | 73.4598, 66.3712, 91.3772 |
| YIQ | 217.1290, 13.6590, 22.2910 |

Conversions

Conversions Part 2

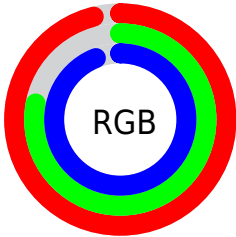
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 244, 199, 240 |
| Decimal | 16041968 |
| CIE _{Lab} | 85.19, 22.71, -14.19 |
| CIE _{LCh} | 85, 26.779, 327.997 |
| Yxy | 66.3712, 0.3177, 0.2871 |
| Android (android.graphics.Color) | 4294232048 (0xFFFF4C7F0) |
| YUV | 217.1290, 11.2754, 23.5659 |
| Hunter-Lab | 81.4685, 18.3827, -9.4732 |

Details

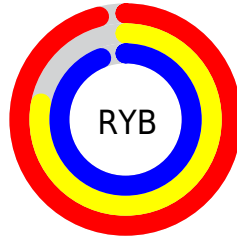
The XYZ color **73.4598, 66.3712, 91.3772** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.6860, 81.1572, 68.6537**, and the grayscale version is **65.9620, 69.3972, 75.5735**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2706, 34.2763, 49.8936** is the 20% darker color. If you saturate the color by 10%, you get **67.9699, 55.9031, 87.9675**, and if you desaturate by 10%, it is **79.8576, 78.6468, 95.1101**.

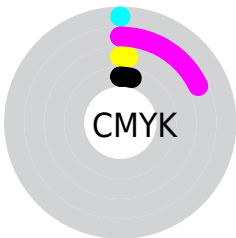
Distribution



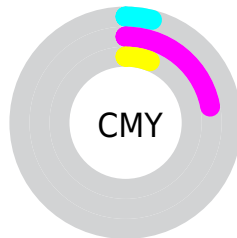
- Red (96%)
- Green (78%)
- Blue (94%)



- Red (96%)
- Yellow (78%)
- Blue (94%)



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4598, 66.3712, 91.3772 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 73.4598, 66.3712, 91.3772 by changing the saturation by 10% instead.


 73.4598, 66.3712,
91.3772

 73.4598, 66.3712,
91.3772


461.6860,
447.7032, 553.1860

 54.6417, 48.5738,
68.5433


123.1294,
114.0189, 151.2021

 39.3477, 34.2815,
49.8704

154.7116,
144.6381, 189.0302

 27.2122, 23.1099,
34.9400


191.2792,
180.2999, 232.6935

 17.8701, 14.6747,
23.3335

233.1976,
221.3888, 282.6104

 10.9559, 8.5914,
14.6323

280.8321,
268.2892, 339.1996

 6.1042, 4.4756,
8.4180

334.5481,

 2.9498, 1.9430,

321.3855, 402.8796

4.2720

394.7110,
381.0620, 474.0689

■ 1.1273, 0.5741,
1.7757

■ 0.0478, 0.0000,
0.4119

■ 73.4598, 66.3712,
91.3772

■ 73.4598, 66.3712,
91.3772

■ 67.9699, 55.9031,
87.9675

■ 79.8576, 78.6468,
95.1101

■ 63.3392, 47.1482,
84.8623

■ 87.1972, 92.8011,
99.1752

■ 59.5233, 40.0167,
82.0477

■ 89.7815, 97.4385,
101.6744

■ 56.4715, 34.4074,
79.5065

■ 90.1174, 97.5728,
103.4433

■ 54.1275, 30.2076,
77.2200

■ 90.4573, 97.7088,
105.2328

■ 52.4270, 27.2889,
75.1668

■ 90.8010, 97.8463,
107.0429

■ 51.2944, 25.4998,
73.3214

■ 91.1187, 97.9734,
108.7160

■ 50.6218, 24.6246,
71.6479

■ 50.5350, 24.5239,
71.3946

Harmonies

Analogous

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



68.6973, 66.3712, 105.8138



73.4598, 66.3712, 91.3772



75.4239, 66.3712, 73.4364

Triad

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



73.4598, 66.3712, 91.3772



63.4909, 66.3712, 43.8496



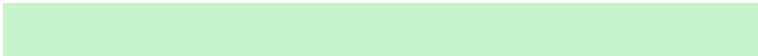
53.3699, 66.3712, 89.0415

Complementary

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



73.4598, 66.3712, 91.3772



66.6860, 81.1572, 68.6537

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.



52.1690, 66.3712, 71.1100



73.4598, 66.3712, 91.3772



57.7848, 66.3712, 46.6854

Square

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



73.4598, 66.3712, 91.3772



69.4446, 66.3712, 47.5600



53.7340, 66.3712, 56.0262



57.1239, 66.3712, 104.3210

Rectangle

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



73.4598, 66.3712, 91.3772



74.7932, 66.3712, 62.4649



53.7340, 66.3712, 56.0262



52.6652, 66.3712, 83.0443

Sweetspot

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



73.4618, 66.3741, 91.3786



90.1436, 90.5364, 106.1880



61.3160, 60.0433, 93.9469



19.1851, 19.1679, 22.6672



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.



73.4618, 66.3741, 91.3786



78.8977, 68.9638, 99.6058



70.3561, 65.1318, 75.0244



17.1464, 16.7414, 20.5173



27.5041, 13.3451, 38.9587



2.4356, 1.1802, 3.5204

Inverse Universe

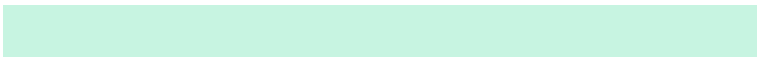
The Inverse Universe completely reimagines the original color for something new.



73.4618, 66.3741, 91.3786



78.8977, 68.9638, 99.6058



69.5310, 82.2952, 83.6353



17.1464, 16.7414, 20.5173



27.5041, 13.3451, 38.9587



2.4356, 1.1802, 3.5204

Previews

White Background



This preview shows how the XYZ color 73.4598, 66.3712, 91.3772 looks on a white background.

Color Contrast Check

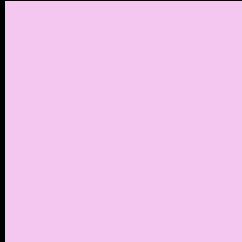
Large Text (above 18pt) WCAG AA × Fail

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 73.4598, 66.3712, 91.3772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

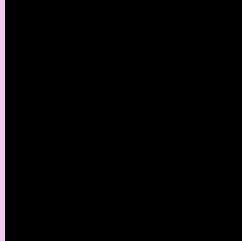
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4598, 66.3712, 91.3772

Background



This preview shows how black text looks on a background with the XYZ color 73.4598, 66.3712, 91.3772.



This preview shows how white text looks on a background with the XYZ color 73.4598, 66.3712,

91.3772.

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

73.4598, 66.3712, 91.3772

Protanopia

65.6911, 66.4877, 98.1780

Deuteranopia

67.8696, 66.3283, 90.1144



Tritanopia

70.4177, 66.5271, 76.1474

Trichromacy



Original Color

73.4598, 66.3712, 91.3772

Protanomaly

68.3095, 66.4339, 95.6089

Deuteranomaly

69.8060, 66.2407, 90.7679

Tritanomaly

71.6036, 66.6644, 81.7666

Monochromacy



Original Color

73.4598, 66.3712, 91.3772

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.3158, 67.8603, 80.7319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4598, 66.3712, 91.3772 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(244, 199, 240)` looks like.

```
.text, #text, p{  
    color:rgb(244, 199, 240)  
}
```

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(244, 199, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 199, 240) }
```

Border

The CSS property to change the border of an element to XYZ 73.4598, 66.3712, 91.3772 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(244, 199, 240) }
```


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

```
.border{ border-color:rgb(244, 199, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 199, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 199, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 199, 240); box-shadow:4px 4px 4px 4px rgb(244, 199, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4598, 66.3712, 91.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 199, 240) }
```

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

```
.background{ background-color: rgb(244,  
199, 240) }
```

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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