

Converting Colors

XYZ(71.6238, 59.2103, 91.6658)

Have a look what the booklet for
XYZ(71.6238, 59.2103, 91.6658)
contains.

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Color

**XYZ(71.7726, 59.3773,
91.6825)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB4F2
RGB	250, 180, 242
RGB Percent	98%, 71%, 95%
CMY	0.0196, 0.2941, 0.0510
CMYK	0.00, 0.28, 0.03, 0.02
HSL	307°, 88%, 84%
HSV	307°, 28%, 98%
XYZ	71.7726, 59.3773, 91.6825
YIQ	207.9980, 21.8180, 34.1220

Conversions

Conversions Part 2

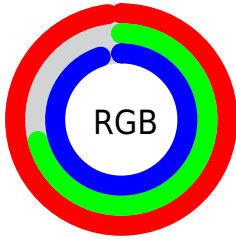
Format	Color
R _Y B	250, 180, 242
Decimal	16430322
CIE Lab	81.50, 35.06, -20.76
CIE LCh	81, 40.745, 329.371
Yxy	59.3773, 0.3221, 0.2665
Android (android.graphics.Color)	4294620402 (0xFF FAB4F2)
YUV	207.9980, 16.7630, 36.8358
Hunter-Lab	77.0567, 31.4104, -16.6039

Details

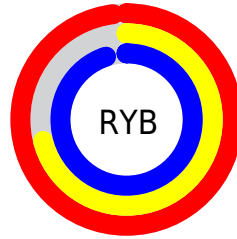
The XYZ color **71.7726, 59.3773, 91.6825** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.0875, 81.7072, 60.0791**, and the grayscale version is **59.8394, 62.9557, 68.5588**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **38.3161, 29.8043, 50.1877** is the 20% darker color. If you saturate the color by 10%, you get **66.7483, 50.0093, 87.9073**, and if you desaturate by 10%, it is **77.7174, 70.5736, 95.7989**.

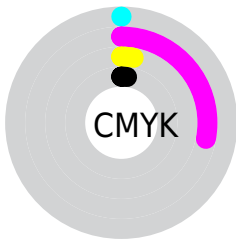
Distribution



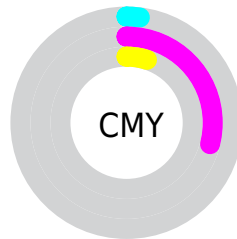
- Red (98%)
- Green (71%)
- Blue (95%)



- Red (98%)
- Yellow (71%)
- Blue (95%)



- Cyan (0%)
- Magenta (28%)
- Yellow (3%)
- Black (2%)





- Cyan (2%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7726, 59.3773, 91.6825 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 71.7726, 59.3773, 91.6825 by changing the saturation by 10% instead.


 71.7726, 59.3773,
91.6825

 71.7726, 59.3773,
91.6825


455.9196,
422.2987, 554.1996

 53.2577, 42.9169,
68.7954


 120.7457,
103.9258, 151.6291

 38.2369, 29.8199,
50.0744

151.9347,
132.7828, 189.5258

 26.3446, 19.7020,
35.1009


188.0791,
166.5407, 233.2626

 17.2157, 12.1786,
23.4564

229.5442,
205.5840, 283.2583

 10.4846, 6.8654,
14.7224

276.6955,
250.2970, 339.9313

 5.7862, 3.3781,
8.4804

329.8983,

 2.7549, 1.3322,

301.0642, 403.7001

4.3117

389.5179,
358.2700, 474.9834

■ 1.0255, 0.1659,
1.7978

■ 0.0000, 0.0000,
0.4265

■ 71.7726, 59.3773,
91.6825

■ 71.7726, 59.3773,
91.6825

■ 66.7483, 50.0093,
87.9073

■ 77.7174, 70.5736,
95.7989

■ 62.5901, 42.3637,
84.4531

■ 84.6226, 83.6809,
100.2680

■ 59.2463, 36.3362,
81.3031

■ 92.5303, 98.7824,
105.1047

■ 56.6572, 31.8076,
78.4374

■ 92.9832, 98.9636,
107.4900

■ 54.7551, 28.6426,
75.8332

■ 93.2349, 99.0643,
108.8151

■ 53.4602, 26.6814,
73.4637

■ 52.6638, 25.7068,
71.2925

■ 52.5329, 25.5675,
70.8712

Harmonies

Analogous

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



64.8764, 59.3773, 114.8839



71.7726, 59.3773, 91.6825



74.4933, 59.3773, 65.1690

Triad

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



71.7726, 59.3773, 91.6825



56.6166, 59.3773, 28.1158



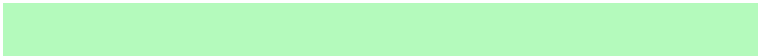
43.3058, 59.3773, 90.5594

Complementary

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



71.7726, 59.3773, 91.6825



62.0875, 81.7072, 60.0791

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.



41.5620, 59.3773, 64.1373



71.7726, 59.3773, 91.6825



48.7620, 59.3773, 31.7273

Square

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



71.7726, 59.3773, 91.6825



65.2193, 59.3773, 32.0494



43.4569, 59.3773, 43.5365



48.4795, 59.3773, 114.1288

Rectangle

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



71.7726, 59.3773, 91.6825



73.3819, 59.3773, 50.2785



43.4569, 59.3773, 43.5365



42.3237, 59.3773, 81.5324

Sweetspot

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



71.7744, 59.3799, 91.6838



88.5107, 87.5186, 104.8795



54.0727, 50.1125, 97.2664



18.6980, 18.2625, 22.2926



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.



71.7744, 59.3799, 91.6838



71.7933, 55.9743, 93.4787



67.1329, 57.5233, 67.2419



17.9026, 17.4884, 21.3427



27.8992, 13.5754, 37.7730



2.6075, 1.2667, 3.6224

Inverse Universe

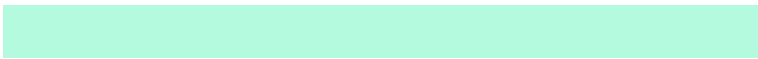
The Inverse Universe completely reimagines the original color for something new.



71.7744, 59.3799, 91.6838



71.7933, 55.9743, 93.4787



66.1950, 83.3502, 81.7088



17.9026, 17.4884, 21.3427



27.8992, 13.5754, 37.7730



2.6075, 1.2667, 3.6224

Previews

White Background



This preview shows how the XYZ color 71.7726, 59.3773, 91.6825 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 71.7726, 59.3773, 91.6825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

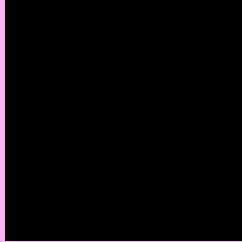
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7726, 59.3773, 91.6825

Background



This preview shows how black text looks on a background with the XYZ color 71.7726, 59.3773, 91.6825.



This preview shows how white text looks on a background with the XYZ color 71.7726, 59.3773,

91.6825.

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

71.7726, 59.3773, 91.6825

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

60.9509, 59.5993, 89.9527



Tritanopia

66.0872, 59.2174, 63.8240

Trichromacy



Original Color

71.7726, 59.3773, 91.6825



Protanomaly

63.1893, 58.8909, 98.4791



Deuteranomaly

64.1778, 58.9250, 90.4292



Tritanomaly

68.0226, 59.0649, 73.4611

Monochromacy



Original Color

71.7726, 59.3773, 91.6825



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.5438, 61.2434, 76.1822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7726, 59.3773, 91.6825 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(250, 180, 242)` looks like.

```
.text, #text, p{  
    color:rgb(250, 180, 242)  
}
```

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(250, 180, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 180, 242) }
```

Border

The CSS property to change the border of an element to XYZ 71.7726, 59.3773, 91.6825 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(250, 180, 242) }
```


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

```
.border{ border-color:rgb(250, 180, 242) }
```

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

Here you see how a box with a 4 pixel rgb(250, 180, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 180, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 180, 242);  
box-shadow:4px 4px 4px 4px rgb(250, 180,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7726, 59.3773, 91.6825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 180, 242) }
```

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

```
.background{ background-color: rgb(250,  
180, 242) }
```

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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