

Converting Colors

XYZ(78.1533, 71.6937, 92.1572)

Have a look what the booklet for
XYZ(78.1533, 71.6937, 92.1572)
contains.

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Color

**XYZ(78.1859, 71.6124,
92.1398)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCFF0
RGB	252, 207, 240
RGB Percent	99%, 81%, 94%
CMY	0.0118, 0.1882, 0.0588
CMYK	0.00, 0.18, 0.05, 0.01
HSL	316°, 88%, 90%
HSV	316°, 18%, 99%
XYZ	78.1859, 71.6124, 92.1398
YIQ	224.2170, 16.2270, 19.8030

Conversions

Conversions Part 2

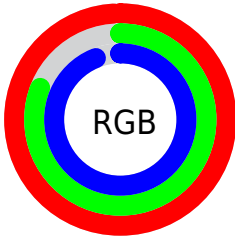
Format	Color
RYB	252, 207, 240
Decimal	16568304
CIELab	87.78, 21.15, -10.24
CIELCh	88, 23.502, 334.173
Yxy	71.6124, 0.3232, 0.2960
Android (android.graphics.Color)	4294758384 (0xFFFCFF0)
YUV	224.2170, 7.7810, 24.3657
Hunter-Lab	84.6241, 16.8275, -5.3188

Details

The XYZ color **78.1859, 71.6124, 92.1398** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.3316, 88.0027, 80.1432**, and the grayscale version is **70.9465, 74.6412, 81.2843**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3856, 37.5193, 50.3554** is the 20% darker color. If you saturate the color by 10%, you get **71.5817, 59.9713, 85.1040**, and if you desaturate by 10%, it is **85.8057, 85.2232, 99.6983**.

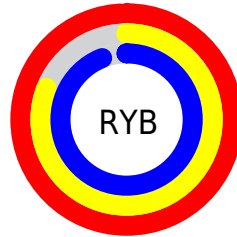
Distribution



Red (99%)

Green (81%)

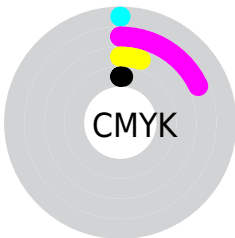
Blue (94%)



Red (99%)

Yellow (81%)

Blue (94%)

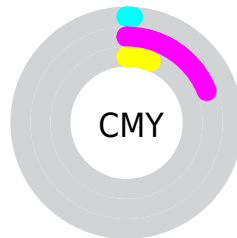


Cyan (0%)

Magenta (18%)

Yellow (5%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1859, 71.6124, 92.1398 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 78.1859, 71.6124, 92.1398 by changing the saturation by 10% instead.

78.1859, 71.6124,
92.1398

78.1859, 71.6124,
92.1398

477.6281,
466.1914, 555.7159

58.5300, 52.8421,
69.1731

129.7761,
121.5053, 152.2685

42.4798, 37.6767,
50.3800

162.4412,
153.3967, 190.2676

29.6699, 25.7319,
35.3422

200.1733,
190.4306, 234.1145

19.7350, 16.6232,
23.6409

243.3380,
232.9914, 284.2278

12.3097, 9.9662,
14.8577

292.3004,
281.4635, 341.0261

7.0287, 5.3765,
8.5741

347.4260,

3.5265, 2.4698,

336.2312, 404.9278

4.3714

409.0801,
397.6791, 476.3516

■ 1.4379, 0.8615,
1.8312

■ 0.2830, 0.0000,
0.4484

■ 78.1859, 71.6124,
92.1398

■ 78.1859, 71.6124,
92.1398

■ 71.5817, 59.9713,
85.1040

■ 85.8057, 85.2232,
99.6983

■ 65.9402, 50.1982,
78.5687

■ 93.7057, 99.3358,
107.5337

■ 61.2132, 42.1962,
72.5168

■ 93.9554, 99.4357,
108.8488

■ 57.3459, 35.8563,
66.9281

■ 54.2772, 31.0569,
61.7799

■ 51.9377, 27.6602,
57.0473

■ 50.2459, 25.5035,
52.7008

■ 49.0920, 24.3682,
48.7018

■ 48.8806, 24.1898,
47.8778

Harmonies

Analogous

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



74.2710, 71.6124, 106.2563



78.1859, 71.6124, 92.1398



79.3357, 71.6124, 75.7593

Triad

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



78.1859, 71.6124, 92.1398



67.2878, 71.6124, 51.1693



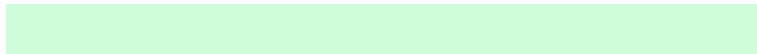
59.5697, 71.6124, 96.5361

Complementary

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



78.1859, 71.6124, 92.1398



73.3316, 88.0027, 80.1432

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.



57.9165, 71.6124, 80.2309



78.1859, 71.6124, 92.1398



62.2156, 71.6124, 55.2160

Square

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



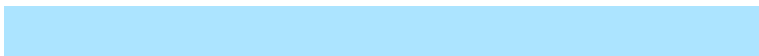
78.1859, 71.6124, 92.1398



72.8471, 71.6124, 53.4588



58.8583, 71.6124, 65.3396



63.4978, 71.6124, 109.0280

Rectangle

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



78.1859, 71.6124, 92.1398



78.3296, 71.6124, 66.0568



58.8583, 71.6124, 65.3396



58.7396, 71.6124, 91.2441

Sweetspot

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



78.1880, 71.6155, 92.1413



90.5739, 91.9161, 104.7310



69.1000, 66.7177, 101.3324



19.2566, 19.4399, 22.2937



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.



78.1880, 71.6155, 92.1413



78.0669, 69.5775, 92.3140



75.0498, 70.3603, 75.6158



17.7839, 17.4409, 20.7175



25.5265, 12.6263, 25.2790



2.4081, 1.1870, 2.5725

Inverse Universe

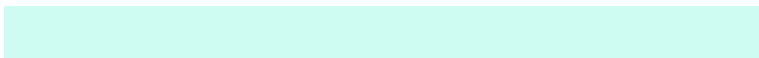
The Inverse Universe completely reimagines the original color for something new.



78.1880, 71.6155, 92.1413



78.0669, 69.5775, 92.3140



76.4970, 89.2689, 96.8119



17.7839, 17.4409, 20.7175



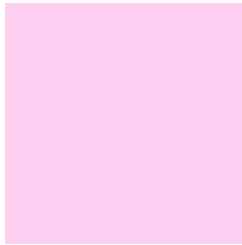
25.5265, 12.6263, 25.2790



2.4081, 1.1870, 2.5725

Previews

White Background



This preview shows how the XYZ color 78.1859, 71.6124, 92.1398 looks on a white background.

Color Contrast Check

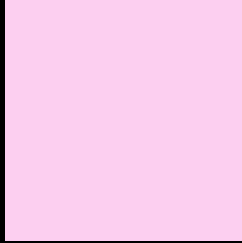
Large Text (above 18pt) WCAG AA × Fail

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 78.1859, 71.6124, 92.1398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

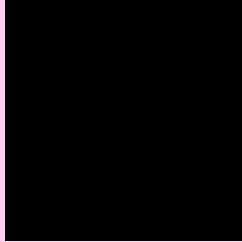
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1859, 71.6124, 92.1398

Background



This preview shows how black text looks on a background with the XYZ color 78.1859, 71.6124, 92.1398.



This preview shows how white text looks on a background with the XYZ color 78.1859, 71.6124,

92.1398.

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

78.1859, 71.6124, 92.1398

Protanopia

70.4389, 71.9774, 98.1762

Deuteranopia

73.2308, 71.6488, 91.6313



Tritanopia

75.9523, 71.4159, 81.7330

Trichromacy



Original Color

78.1859, 71.6124, 92.1398

Protanomaly

72.9427, 71.7905, 95.6004

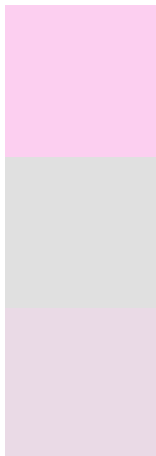
Deuteranomaly

74.8094, 71.3458, 91.4896

Tritanomaly

76.7633, 71.3905, 85.3352

Monochromacy



Original Color

78.1859, 71.6124, 92.1398

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.2860, 73.3484, 85.1580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1859, 71.6124, 92.1398 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(252, 207, 240)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 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(252, 207, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 240) }
```

Border

The CSS property to change the border of an element to XYZ 78.1859, 71.6124, 92.1398 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(252, 207, 240) }
```


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

```
.border{ border-color:rgb(252, 207, 240) }
```

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

Here you see how a box with a 4 pixel rgb(252, 207, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1859, 71.6124, 92.1398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 240) }
```

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

```
.background{ background-color: rgb(252,  
207, 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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