

Converting Colors

XYZ(77.8023, 73.4015, 93.6785)

Have a look what the booklet for
XYZ(77.8023, 73.4015, 93.6785)
contains.

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Color

**XYZ(78.1790, 73.7735,
94.1236)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F7D5F2 |
| RGB | 247, 213, 242 |
| RGB Percent | 97%, 84%, 95% |
| CMY | 0.0314, 0.1647, 0.0510 |
| CMYK | 0.00, 0.14, 0.02, 0.03 |
| HSL | 309°, 68%, 90% |
| HSV | 309°, 14%, 97% |
| XYZ | 78.1790, 73.7735, 94.1236 |
| YIQ | 226.4720, 10.9550, 16.2270 |

Conversions

Conversions Part 2

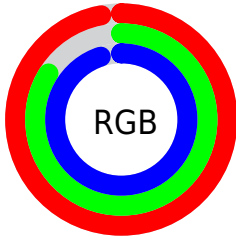
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 247, 213, 242 |
| Decimal | 16242162 |
| CIE _{Lab} | 88.82, 16.69, -9.80 |
| CIE _{LCh} | 89, 19.353, 329.560 |
| Yxy | 73.7735, 0.3177, 0.2998 |
| Android (android.graphics.Color) | 4294432242 (0xFFFF7D5F2) |
| YUV | 226.4720, 7.6553, 18.0031 |
| Hunter-Lab | 85.8915, 12.1617, -4.8485 |

Details

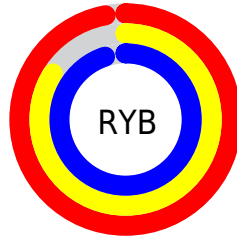
The XYZ color **78.1790, 73.7735, 94.1236** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.3591, 85.7316, 79.0151**, and the grayscale version is **72.5730, 76.3524, 83.1478**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3250, 38.9460, 51.7409** is the 20% darker color. If you saturate the color by 10%, you get **71.8937, 62.0663, 89.3638**, and if you desaturate by 10%, it is **85.4257, 87.3838, 99.2590**.

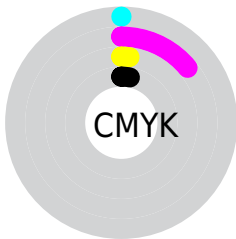
Distribution



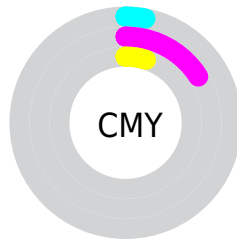
- Red (97%)
- Green (84%)
- Blue (95%)



- Red (97%)
- Yellow (84%)
- Blue (95%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1790, 73.7735, 94.1236 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 78.1790, 73.7735, 94.1236 by changing the saturation by 10% instead.

78.1790, 73.7735,
94.1236

78.1790, 73.7735,
94.1236

477.6050,
473.6913, 562.2680

58.5243, 54.6087,
70.8129

129.7665,
124.5747, 155.0384

42.4752, 39.0885,
51.7086

162.4300,
156.9798, 193.4796

29.6663, 26.8286,
36.3922

200.1604,
194.5672, 237.8014

19.7323, 17.4445,
24.4452

243.3232,
237.7212, 288.4223

12.3077, 10.5519,
15.4489

292.2838,
286.8262, 345.7609

7.0273, 5.7664,
8.9850

347.4073,

3.5257, 2.7036,

342.2666, 410.2356

4.6347

409.0593,
404.4268, 482.2652

■ 1.4375, 0.9790,
1.9796

■ 0.2827, 0.0000,
0.5427

■ 78.1790, 73.7735,
94.1236

■ 78.1790, 73.7735,
94.1236

■ 71.8937, 62.0663,
89.3638

■ 85.4257, 87.3838,
99.2590

■ 66.5204, 52.1672,
84.9604

■ 91.2588, 98.1506,
103.9762

■ 62.0155, 43.9876,
80.8993

■ 91.8319, 98.3799,
106.9940

■ 58.3288, 37.4274,
77.1635

■ 92.1682, 98.5144,
108.7651

■ 55.4053, 32.3765,
73.7343

■ 53.1827, 28.7108,
70.5908

■ 51.5893, 26.2865,
67.7085

■ 50.5373, 24.9286,
65.0580

■ 50.0751, 24.4612,
63.4954

Harmonies

Analogous

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



74.6597, 73.7735, 104.9307



78.1790, 73.7735, 94.1236



79.5218, 73.7735, 80.5249

Triad

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



78.1790, 73.7735, 94.1236



70.1886, 73.7735, 57.1854



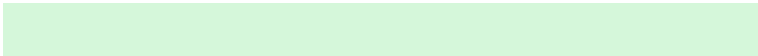
62.5698, 73.7735, 93.7430

Complementary

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



78.1790, 73.7735, 94.1236



73.3591, 85.7316, 79.0151

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.



61.4891, 73.7735, 80.1290



78.1790, 73.7735, 94.1236



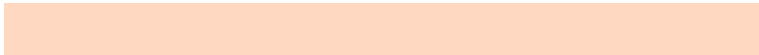
65.7672, 73.7735, 59.9050

Square

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



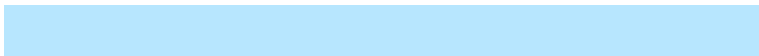
78.1790, 73.7735, 94.1236



74.7846, 73.7735, 60.0680



62.6339, 73.7735, 67.9487



65.6526, 73.7735, 104.6943

Rectangle

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



78.1790, 73.7735, 94.1236



78.9579, 73.7735, 71.9926



62.6339, 73.7735, 67.9487



61.9666, 73.7735, 89.2806

Sweetspot

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



78.1812, 73.7767, 94.1252



91.6413, 93.5676, 106.5768



69.3600, 69.1413, 97.6867



19.4819, 19.7766, 22.7199



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.



78.1812, 73.7767, 94.1252



81.7364, 74.9883, 99.4817



75.8089, 72.8278, 81.6330



17.1027, 16.7239, 20.2874



26.5244, 12.9532, 33.7992



2.3592, 1.1496, 3.1179

Inverse Universe

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



78.1812, 73.7767, 94.1252



81.7364, 74.9883, 99.4817



75.6319, 86.6407, 90.9836



17.1027, 16.7239, 20.2874



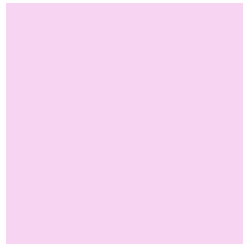
26.5244, 12.9532, 33.7992



2.3592, 1.1496, 3.1179

Previews

White Background



This preview shows how the XYZ color 78.1790, 73.7735, 94.1236 looks on a white background.

Color Contrast Check

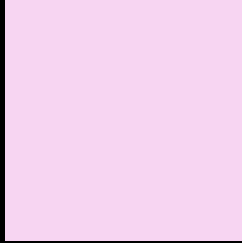
Large Text (above 18pt) WCAG AA × Fail

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 78.1790, 73.7735, 94.1236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

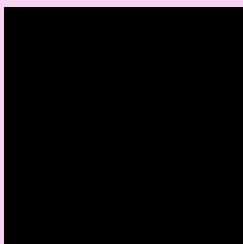
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1790, 73.7735, 94.1236

Background



This preview shows how black text looks on a background with the XYZ color 78.1790, 73.7735, 94.1236.



This preview shows how white text looks on a background with the XYZ color 78.1790, 73.7735,

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

78.1790, 73.7735, 94.1236

Protanopia

72.4250, 74.1736, 98.4954

Deuteranopia

75.6151, 73.9811, 93.5135



Tritanopia

76.8720, 74.0199, 86.5796

Trichromacy



Original Color

78.1790, 73.7735, 94.1236

Protanomaly

74.4461, 74.0786, 96.7611

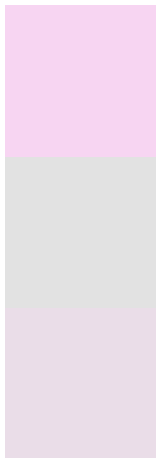
Deuteranomaly

76.7087, 74.1634, 93.4911

Tritanomaly

77.1929, 73.7421, 89.5220

Monochromacy



Original Color

78.1790, 73.7735, 94.1236

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.3536, 75.0315, 86.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1790, 73.7735, 94.1236 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(247, 213, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 213, 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(247, 213, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 213, 242) }
```

Border

The CSS property to change the border of an element to XYZ 78.1790, 73.7735, 94.1236 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(247, 213, 242) }
```


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

```
.border{ border-color:rgb(247, 213, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 213, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 213, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 213, 242); box-shadow:4px 4px 4px 4px rgb(247, 213, 242) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1790, 73.7735, 94.1236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 213, 242) }
```

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

```
.background{ background-color: rgb(247,  
213, 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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