

Converting Colors

XYZ(77.5866, 73.7739, 93.2863)

Have a look what the booklet for
XYZ(77.5866, 73.7739, 93.2863)
contains.

XYZ(77.5799, 73.8565, 93.3859)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.5799, 73.8565,
93.3859)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D6F1
RGB	245, 214, 241
RGB Percent	96%, 84%, 95%
CMY	0.0392, 0.1608, 0.0549
CMYK	0.00, 0.13, 0.02, 0.04
HSL	308°, 61%, 90%
HSV	308°, 13%, 96%
XYZ	77.5799, 73.8565, 93.3859
YIQ	226.3470, 9.8090, 14.9690

Conversions

Conversions Part 2

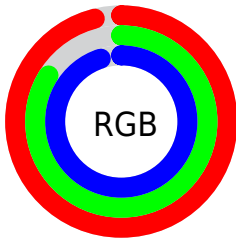
Format	Color
R_{YB}	245, 214, 241
Decimal	16111345
CIE _{Lab}	88.85, 15.32, -9.24
CIE _{LCh}	89, 17.887, 328.904
Yxy	73.8565, 0.3169, 0.3017
Android (android.graphics.Color)	4294301425 (0xFFFF5D6F1)
YUV	226.3470, 7.2239, 16.3587
Hunter-Lab	85.9398, 10.7415, -4.2692

Details

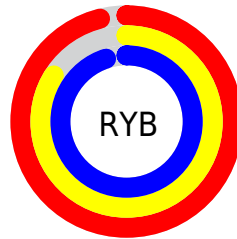
The XYZ color **77.5799, 73.8565, 93.3859** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.0417, 84.6649, 78.8258**, and the grayscale version is **72.4860, 76.2609, 83.0482**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1414, 39.1179, 51.2284** is the 20% darker color. If you saturate the color by 10%, you get **71.3723, 62.1894, 89.0075**, and if you desaturate by 10%, it is **84.7326, 87.3983, 98.1215**.

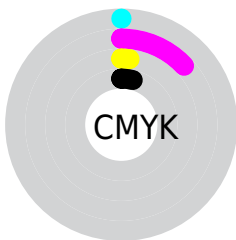
Distribution



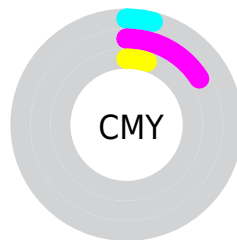
- Red (96%)
- Green (84%)
- Blue (95%)



- Red (96%)
- Yellow (84%)
- Blue (95%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.5799, 73.8565, 93.3859 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 77.5799, 73.8565, 93.3859 by changing the saturation by 10% instead.


 77.5799, 73.8565,
93.3859

 77.5799, 73.8565,
93.3859


475.6006,
473.9780, 559.8364

 58.0305, 54.6766,
70.2028


128.9262,
124.6924, 154.0091

 42.0765, 39.1429,
51.2141


161.4539,
157.1171, 192.2863

 29.3526, 26.8709,
36.0011


199.0384,
194.7256, 236.4320

 19.4933, 17.4763,
24.1454

242.0451,
237.9022, 286.8647

 12.1334, 10.5746,
15.2283

290.8393,
287.0314, 344.0030

 6.9074, 5.7816,
8.8314

345.7864,

 3.4501, 2.7127,

342.4975, 408.2653

4.5360

407.2517,
404.6849, 480.0703

■ 1.3960, 0.9837,
1.9238

■ 0.2534, 0.0000,
0.5078

■ 77.5799, 73.8565,
93.3859

■ 77.5799, 73.8565,
93.3859

■ 71.3723, 62.1894,
89.0075

■ 84.7326, 87.3983,
98.1215

■ 66.0617, 52.3045,
84.9674

■ 90.2553, 97.6682,
102.3536

■ 61.6056, 44.1156,
81.2523

■ 90.7484, 97.8654,
104.9500

■ 57.9555, 37.5258,
77.8456

■ 91.2498, 98.0660,
107.5902

■ 55.0580, 32.4283,
74.7295

■ 91.4667, 98.1527,
108.7323

■ 52.8531, 28.7032,
71.8836

■ 51.2716, 26.2123,
69.2847

■ 50.2299, 24.7882,
66.9048

■ 49.7157, 24.2363,
65.2644

Harmonies

Analogous

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



74.3044, 73.8565, 103.1756



77.5799, 73.8565, 93.3859



78.8655, 73.8565, 80.8746

Triad

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



77.5799, 73.8565, 93.3859



70.3579, 73.8565, 58.8349



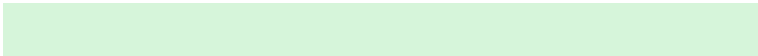
63.1519, 73.8565, 92.5149

Complementary

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



77.5799, 73.8565, 93.3859



73.0417, 84.6649, 78.8258

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.



62.1907, 73.8565, 79.9614



77.5799, 73.8565, 93.3859



66.2465, 73.8565, 61.2787

Square

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



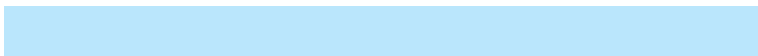
77.5799, 73.8565, 93.3859



74.5916, 73.8565, 61.6604



63.3006, 73.8565, 68.7084



65.9812, 73.8565, 102.6374

Rectangle

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



77.5799, 73.8565, 93.3859



78.3823, 73.8565, 72.9291



63.3006, 73.8565, 68.7084



62.6049, 73.8565, 88.4010

Sweetspot

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



77.5821, 73.8597, 93.3875



91.6707, 93.5794, 106.7316



69.3301, 69.5359, 96.1550



19.4894, 19.7796, 22.7592



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.



77.5821, 73.8597, 93.3875



83.2538, 77.6631, 101.0975



75.4167, 72.9936, 81.9848



17.1162, 16.7293, 20.3584



26.8191, 13.0711, 35.3513



2.3823, 1.1589, 3.2395

Inverse Universe

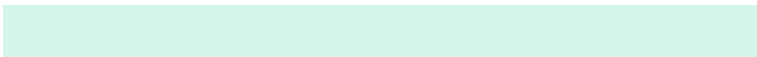
The Inverse Universe completely reimagines the original color for something new.



77.5821, 73.8597, 93.3875



83.2538, 77.6631, 101.0975



75.1111, 85.4927, 89.7234



17.1162, 16.7293, 20.3584



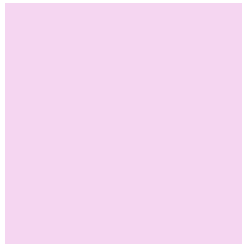
26.8191, 13.0711, 35.3513



2.3823, 1.1589, 3.2395

Previews

White Background



This preview shows how the XYZ color 77.5799, 73.8565, 93.3859 looks on a white background.

Color Contrast Check

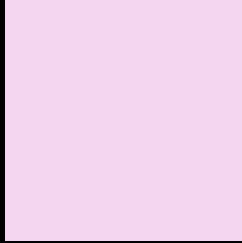
Large Text (above 18pt) WCAG AA × Fail

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 77.5799, 73.8565, 93.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

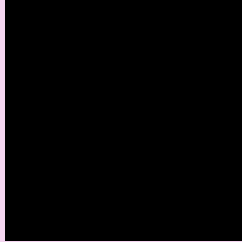
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5799, 73.8565, 93.3859

Background



This preview shows how black text looks on a background with the XYZ color 77.5799, 73.8565, 93.3859.



This preview shows how white text looks on a background with the XYZ color 77.5799, 73.8565,

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

77.5799, 73.8565, 93.3859

Protanopia

72.5746, 74.2685, 97.6989

Deuteranopia

75.4661, 73.9215, 92.7289



Tritanopia

76.1742, 73.6602, 86.5470

Trichromacy



Original Color

77.5799, 73.8565, 93.3859

Protanomaly

74.2938, 74.0177, 95.9591

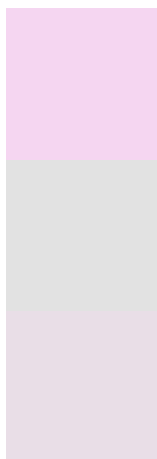
Deuteranomaly

76.2192, 73.9283, 92.6905

Tritanomaly

76.6041, 73.8321, 88.8108

Monochromacy



Original Color

77.5799, 73.8565, 93.3859

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.1494, 75.3357, 86.2345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5799, 73.8565, 93.3859 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(245, 214, 241)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 241)  
}
```

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(245, 214, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 241) }
```

Border

The CSS property to change the border of an element to XYZ 77.5799, 73.8565, 93.3859 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(245, 214, 241) }
```


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

```
.border{ border-color:rgb(245, 214, 241) }
```

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

Here you see how a box with a 4 pixel rgb(245, 214, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 241);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5799, 73.8565, 93.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 241) }
```

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

```
.background{ background-color: rgb(245,  
214, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor