

Converting Colors

XYZ(78.4949, 71.4166, 93.1153)

Have a look what the booklet for
XYZ(78.4949, 71.4166, 93.1153)
contains.

XYZ(78.4565, 71.3761, 92.8610)	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(78.4565, 71.3761,
92.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCEF1
RGB	253, 206, 241
RGB Percent	99%, 81%, 95%
CMY	0.0078, 0.1921, 0.0549
CMYK	0.00, 0.19, 0.05, 0.01
HSL	315°, 92%, 90%
HSV	315°, 19%, 99%
XYZ	78.4565, 71.3761, 92.8610
YIQ	224.0430, 16.7770, 20.8490

Conversions

Conversions Part 2

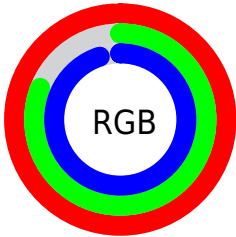
Format	Color
R_{YB}	253, 206, 241
Decimal	16633585
CIE _{Lab}	87.67, 22.19, -10.93
CIE _{LCh}	88, 24.733, 333.777
Yxy	71.3761, 0.3233, 0.2941
Android (android.graphics.Color)	4294823665 (0xFFFDCEF1)
YUV	224.0430, 8.3598, 25.3953
Hunter-Lab	84.4844, 17.9165, -6.0295

Details

The XYZ color **78.4565, 71.3761, 92.8610** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.2366, 88.4363, 79.5436**, and the grayscale version is **70.8178, 74.5058, 81.1368**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5885, 37.3718, 50.8678** is the 20% darker color. If you saturate the color by 10%, you get **71.9018, 59.7827, 85.9997**, and if you desaturate by 10%, it is **86.0300, 84.9501, 100.2324**.

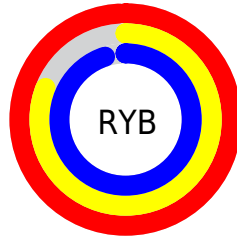
Distribution



Red (99%)

Green (81%)

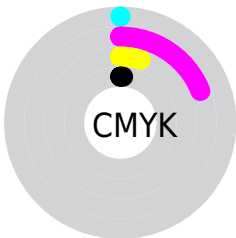
Blue (95%)



Red (99%)

Yellow (81%)

Blue (95%)

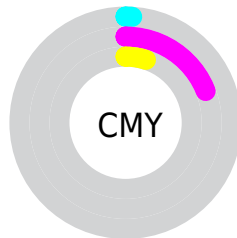


Cyan (0%)

Magenta (19%)

Yellow (5%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4565, 71.3761, 92.8610 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 78.4565, 71.3761, 92.8610 by changing the saturation by 10% instead.

 78.4565, 71.3761,
92.8610

 78.4565, 71.3761,
92.8610


478.5319,
465.3671, 558.1027

 58.7531, 52.6492,
69.7690


130.1554,
121.1691, 153.2762

 42.6600, 37.5228,
50.8626

162.8817,
153.0040, 191.4364

 29.8118, 25.6125,
35.7233


200.6796,
189.9769, 235.4565

 19.8432, 16.5340,
23.9325

243.9146,
232.4724, 285.7549

 12.3887, 9.9028,
15.0719

292.9519,
280.8747, 342.7501

 7.0830, 5.3346,
8.7226

348.1570,

 3.5609, 2.4449,

335.5684, 406.8609

4.4664

409.8952,
396.9377, 478.5055

■ 1.4568, 0.8488,
1.8845

■ 0.2962, 0.0000,
0.4829

■ 78.4565, 71.3761,
92.8610

■ 78.4565, 71.3761,
92.8610

■ 71.9018, 59.7827,
85.9997

■ 86.0300, 84.9501,
100.2324

■ 66.3123, 50.0667,
79.6265

■ 94.1454, 99.5537,
107.9541

■ 61.6392, 42.1298,
73.7241

■ 94.3185, 99.6229,
108.8658

■ 57.8267, 35.8610,
68.2722

■ 54.8126, 31.1366,
63.2482

■ 52.5264, 27.8160,
58.6268

■ 50.8843, 25.7325,
54.3782

■ 49.7677, 24.6492,
50.4609

■ 49.6287, 24.5310,
49.9221

Harmonies

Analogous

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



74.2985, 71.3761, 107.7352



78.4565, 71.3761, 92.8610



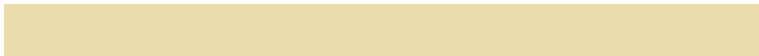
79.7135, 71.3761, 75.6103

Triad

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



78.4565, 71.3761, 92.8610



67.1014, 71.3761, 49.7649



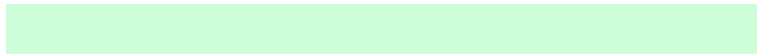
58.9016, 71.3761, 97.0683

Complementary

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



78.4565, 71.3761, 92.8610



73.2366, 88.4363, 79.5436

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.



57.2098, 71.3761, 79.8613



78.4565, 71.3761, 92.8610



61.7687, 71.3761, 53.8663

Square

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



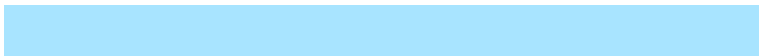
78.4565, 71.3761, 92.8610



72.9411, 71.3761, 52.2188



58.2287, 71.3761, 64.3151



62.9841, 71.3761, 110.3993

Rectangle

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



78.4565, 71.3761, 92.8610



78.6805, 71.3761, 65.4211



58.2287, 71.3761, 64.3151



58.0454, 71.3761, 91.4631

Sweetspot

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



78.4586, 71.3792, 92.8625



89.7391, 90.3746, 104.0582



68.6427, 66.1049, 102.0714



19.0892, 19.1296, 22.1624



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.



78.4586, 71.3792, 92.8625



77.4691, 68.3923, 92.0829



75.2040, 70.0774, 75.7241



18.5829, 18.2165, 21.6866



26.4625, 13.0743, 26.8839



2.6208, 1.2907, 2.8505

Inverse Universe

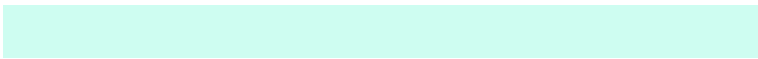
The Inverse Universe completely reimagines the original color for something new.



78.4586, 71.3792, 92.8625



77.4691, 68.3923, 92.0829



76.4959, 89.7401, 96.7068



18.5829, 18.2165, 21.6866



26.4625, 13.0743, 26.8839



2.6208, 1.2907, 2.8505

Previews

White Background



This preview shows how the XYZ color 78.4565, 71.3761, 92.8610 looks on a white background.

Color Contrast Check

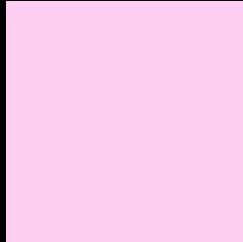
Large Text (above 18pt) WCAG AA × Fail

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 78.4565, 71.3761, 92.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

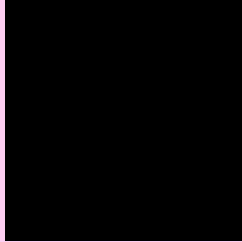
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4565, 71.3761, 92.8610

Background



This preview shows how black text looks on a background with the XYZ color 78.4565, 71.3761, 92.8610.



This preview shows how white text looks on a background with the XYZ color 78.4565, 71.3761,

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

78.4565, 71.3761, 92.8610

Protanopia

70.1946, 71.4294, 99.7101

Deuteranopia

72.9053, 71.4809, 91.6160



Tritanopia

76.1747, 71.5464, 81.0292

Trichromacy



Original Color

78.4565, 71.3761, 92.8610

Protanomaly

72.9942, 71.4050, 97.1241

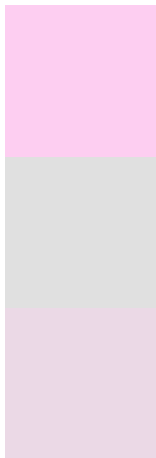
Deuteranomaly

74.9576, 71.4051, 92.2699

Tritanomaly

77.1246, 71.5767, 85.3521

Monochromacy



Original Color

78.4565, 71.3761, 92.8610

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.3567, 73.0010, 85.0872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4565, 71.3761, 92.8610 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(253, 206, 241)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 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(253, 206, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 241) }
```

Border

The CSS property to change the border of an element to XYZ 78.4565, 71.3761, 92.8610 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(253, 206, 241) }
```


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

```
.border{ border-color:rgb(253, 206, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4565, 71.3761, 92.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 241) }
```

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

```
.background{ background-color: rgb(253,  
206, 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