

Converting Colors

XYZ(77.3302, 74.3401, 92.9595)

Have a look what the booklet for
XYZ(77.3302, 74.3401, 92.9595)
contains.

XYZ(77.2462, 74.4577, 92.7385)	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(77.2462, 74.4577,
92.7385)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D8F0
RGB	243, 216, 240
RGB Percent	95%, 85%, 94%
CMY	0.0471, 0.1529, 0.0588
CMYK	0.00, 0.11, 0.01, 0.05
HSL	307°, 53%, 90%
HSV	307°, 11%, 95%
XYZ	77.2462, 74.4577, 92.7385
YIQ	226.8090, 8.3880, 13.1880

Conversions

Conversions Part 2

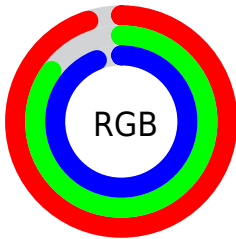
Format	Color
R _Y B	243, 216, 240
Decimal	15980784
CIE Lab	89.14, 13.42, -8.31
CIE LCh	89, 15.786, 328.242
Yxy	74.4577, 0.3160, 0.3046
Android (android.graphics.Color)	4294170864 (0xFFFF3D8F0)
YUV	226.8090, 6.5032, 14.1995
Hunter-Lab	86.2889, 8.7885, -3.3194

Details

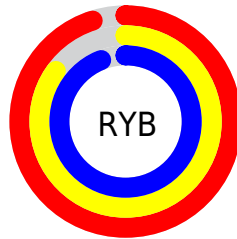
The XYZ color **77.2462, 74.4577, 92.7385** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1586, 83.8167, 79.3442**, and the grayscale version is **72.8267, 76.6194, 83.4385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8901, 39.5152, 50.7668** is the 20% darker color. If you saturate the color by 10%, you get **71.0778, 62.7570, 88.7185**, and if you desaturate by 10%, it is **84.3455, 88.0084, 97.1001**.

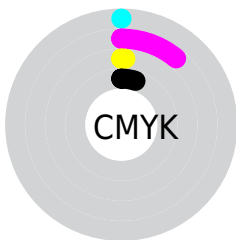
Distribution



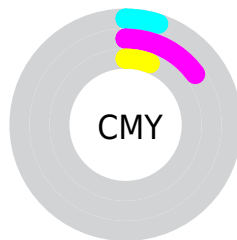
- Red (95%)
- Green (85%)
- Blue (94%)



- Red (95%)
- Yellow (85%)
- Blue (94%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2462, 74.4577, 92.7385 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 77.2462, 74.4577, 92.7385 by changing the saturation by 10% instead.

77.2462, 74.4577,
92.7385

77.2462, 74.4577,
92.7385

474.4821,
476.0515, 557.6977

57.7556, 55.1687,
69.6677

128.4580,
125.5444, 153.1051

41.8547, 39.5368,
50.7806

160.9098,
158.1110, 191.2380

29.1781, 27.1776,
35.6585

198.4128,
195.8721, 235.2287

19.3606, 17.7067,
23.8830

241.3323,
239.2124, 285.4957

12.0367, 10.7396,
15.0354

290.0336,
288.5160, 342.4575

6.8410, 5.8920,
8.6973

344.8821,

3.4083, 2.7795,

344.1675, 406.5328

4.4502

406.2432,
406.5512, 478.1400

■ 1.3732, 1.0177,
1.8754

■ 0.2370, 0.0000,
0.4770

■ 77.2462, 74.4577,
92.7385

■ 77.2462, 74.4577,
92.7385

■ 71.0778, 62.7570,
88.7185

■ 84.3455, 88.0084,
97.1001

■ 65.7935, 52.8162,
85.0216

■ 89.2657, 97.1922,
100.7639

■ 61.3522, 44.5520,
81.6349

■ 89.6820, 97.3587,
102.9562

■ 57.7070, 37.8705,
78.5427

■ 90.1043, 97.5276,
105.1804

■ 54.8064, 32.6688,
75.7277

■ 90.5328, 97.6990,
107.4365

■ 52.5928, 28.8318,
73.1704

■ 90.7727, 97.7950,
108.6998

■ 51.0001, 26.2271,
70.8489

■ 49.9490, 24.6965,
68.7364

■ 49.3568, 24.0126,
66.9962

Harmonies

Analogous

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



74.3274, 74.4577, 101.1989



77.2462, 74.4577, 92.7385



78.4223, 74.4577, 81.7233

Triad

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



77.2462, 74.4577, 92.7385



70.9969, 74.4577, 61.6907



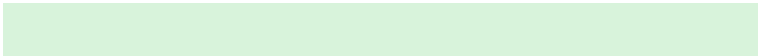
64.4525, 74.4577, 91.5129

Complementary

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



77.2462, 74.4577, 92.7385



73.1586, 83.8167, 79.3442

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.



63.6321, 74.4577, 80.4237



77.2462, 74.4577, 92.7385



67.3276, 74.4577, 63.8076

Square

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



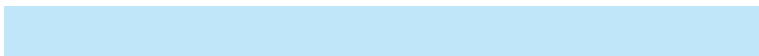
77.2462, 74.4577, 92.7385



74.7342, 74.4577, 64.3632



64.6659, 74.4577, 70.4270



66.9482, 74.4577, 100.4474

Rectangle

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



77.2462, 74.4577, 92.7385



78.0286, 74.4577, 74.6208



64.6659, 74.4577, 70.4270



63.9757, 74.4577, 87.8843

Sweetspot

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



77.2484, 74.4609, 92.7401



92.5213, 95.1612, 107.3833



69.8600, 70.6002, 94.7404



19.6622, 20.0986, 22.8990



0.0000, 0.0000, 0.0000



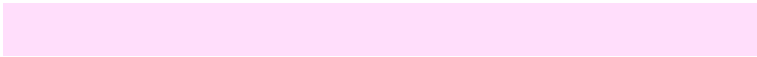
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2484, 74.4609, 92.7401



84.7839, 80.4079, 102.5797



75.3581, 73.7048, 82.7859



17.1296, 16.7347, 20.4292



27.1199, 13.1914, 36.9351



2.4058, 1.1683, 3.3631

Inverse Universe

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



77.2484, 74.4609, 92.7401



84.7839, 80.4079, 102.5797



74.9660, 84.5397, 88.8620



17.1296, 16.7347, 20.4292



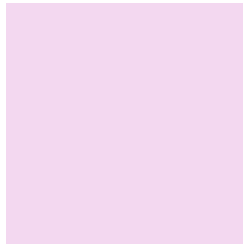
27.1199, 13.1914, 36.9351



2.4058, 1.1683, 3.3631

Previews

White Background



This preview shows how the XYZ color 77.2462, 74.4577, 92.7385 looks on a white background.

Color Contrast Check

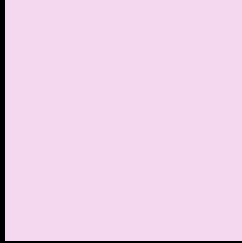
Large Text (above 18pt) WCAG AA × Fail

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 77.2462, 74.4577, 92.7385 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 77.2462, 74.4577, 92.7385

Background



This preview shows how black text looks on a background with the XYZ color 77.2462, 74.4577, 92.7385.



This preview shows how white text looks on a background with the XYZ color 77.2462, 74.4577,

92.7385.

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

77.2462, 74.4577, 92.7385

Protanopia

72.8410, 74.8366, 96.1937

Deuteranopia

76.3962, 74.7848, 92.8465



Tritanopia

76.2821, 74.4435, 88.1904

Trichromacy



Original Color

77.2462, 74.4577, 92.7385

Protanomaly

74.4040, 74.4805, 95.2487

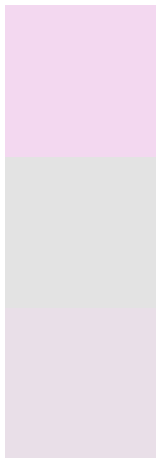
Deuteranomaly

76.4762, 74.4422, 92.7761

Tritanomaly

76.5711, 74.5591, 89.7125

Monochromacy



Original Color

77.2462, 74.4577, 92.7385

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.5574, 75.9252, 87.0694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2462, 74.4577, 92.7385 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(243, 216, 240) looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 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(243, 216, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 240) }
```

Border

The CSS property to change the border of an element to XYZ 77.2462, 74.4577, 92.7385 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(243, 216, 240) }
```


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

```
.border{ border-color:rgb(243, 216, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 240);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2462, 74.4577, 92.7385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 240) }
```

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

```
.background{ background-color: rgb(243,  
216, 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](#).

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