

Converting Colors

XYZ(77.4320, 74.6823, 98.6760)

Have a look what the booklet for
XYZ(77.4320, 74.6823, 98.6760)
contains.

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Color

**XYZ(77.5365, 74.8664,
98.3597)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D9F7
RGB	240, 217, 247
RGB Percent	94%, 85%, 97%
CMY	0.0588, 0.1490, 0.0314
CMYK	0.03, 0.12, 0.00, 0.03
HSL	286°, 65%, 91%
HSV	286°, 12%, 97%
XYZ	77.5365, 74.8664, 98.3597
YIQ	227.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

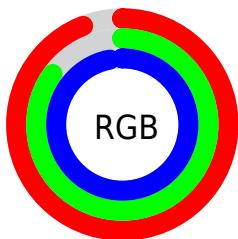
Format	Color
R _Y B	240, 217, 247
Decimal	15784439
CIE Lab	89.33, 13.18, -11.73
CIE LCh	89, 17.645, 318.321
Yxy	74.8664, 0.3092, 0.2986
Android (android.graphics.Color)	4293974519 (0xFFFF0D9F7)
YUV	227.2970, 9.7136, 11.1405
Hunter-Lab	86.5254, 8.5367, -6.8315

Details

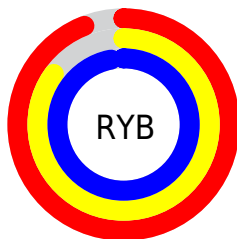
The XYZ color **77.5365, 74.8664, 98.3597** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.5284, 87.3806, 78.4821**, and the grayscale version is **73.1611, 76.9712, 83.8216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0915, 39.7926, 54.7525** is the 20% darker color. If you saturate the color by 10%, you get **69.7152, 62.0817, 96.3054**, and if you desaturate by 10%, it is **86.3772, 89.5952, 100.7378**.

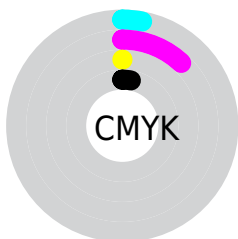
Distribution



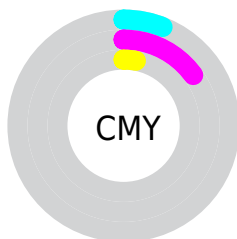
- Red (94%)
- Green (85%)
- Blue (97%)



- Red (94%)
- Yellow (85%)
- Blue (97%)



- Cyan (3%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (6%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5365, 74.8664, 98.3597 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 77.5365, 74.8664, 98.3597 by changing the saturation by 10% instead.

77.5365, 74.8664,
98.3597

77.5365, 74.8664,
98.3597

475.4552,
477.4582, 576.1225

57.9948, 55.5034,
74.3221

128.8654,
126.1232, 160.9334

42.0477, 39.8049,
54.5593

161.3832,
158.7859, 200.3065

29.3299, 27.3865,
38.6528

198.9571,
196.6506, 245.6287

19.4761, 17.8637,
26.1840

241.9524,
240.1017, 297.3183

12.1208, 10.8522,
16.7343

290.7346,
289.5236, 355.7940

6.8988, 5.9675,
9.8853

345.6688,

3.4447, 2.8253,

345.3008, 421.4742

5.2184

407.1206,
407.8175, 494.7775

■ 1.3930, 1.0412,
2.3150

■ 0.2513, 0.0000,
0.7396

■ 77.5365, 74.8664,
98.3597

■ 77.5365, 74.8664,
98.3597

■ 69.7152, 62.0817,
96.3054

■ 86.3772, 89.5952,
100.7378

■ 62.8640, 51.1468,
94.5558

■ 92.5234, 98.8432,
102.1989

■ 56.9390, 41.9738,
93.0975

■ 93.7887, 99.4955,
102.2581

■ 51.8904, 34.4641,
91.9141

■ 47.6636, 28.5088,
90.9874

■ 44.1970, 23.9864,
90.2972

■ 41.4203, 20.7564,
89.8201

■ 39.2483, 18.6498,
89.5279

■ 37.8647, 17.5806,
89.3945

Harmonies

Analogous

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



73.7982, 74.8664, 106.2179



77.5365, 74.8664, 98.3597



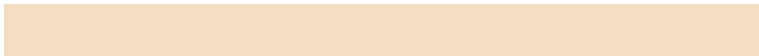
79.5963, 74.8664, 86.4220

Triad

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



77.5365, 74.8664, 98.3597



72.8510, 74.8664, 60.3915



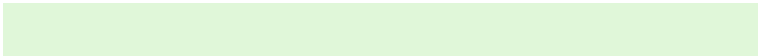
63.5692, 74.8664, 89.2162

Complementary

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



77.5365, 74.8664, 98.3597



76.5284, 87.3806, 78.4821

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.



63.3387, 74.8664, 76.8008



77.5365, 74.8664, 98.3597



68.5820, 74.8664, 60.9767

Square

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



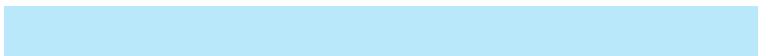
77.5365, 74.8664, 98.3597



76.8190, 74.8664, 65.0268



65.1398, 74.8664, 66.7155



65.7827, 74.8664, 100.5824

Rectangle

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



77.5365, 74.8664, 98.3597



79.6873, 74.8664, 78.1263



65.1398, 74.8664, 66.7155



63.2606, 74.8664, 85.0040

Sweetspot

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



77.5387, 74.8696, 98.3613



91.0116, 93.2152, 107.8032



72.1971, 75.0510, 98.6779



19.3220, 19.6871, 23.0316



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.



77.5387, 74.8696, 98.3613



80.8305, 76.3231, 105.0794



78.8269, 75.6647, 92.5012



16.8135, 16.5620, 20.8532



20.1565, 9.3654, 47.2834



1.8609, 0.8692, 4.1599

Inverse Universe

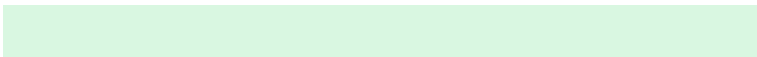
The Inverse Universe completely reimagines the original color for something new.



76.6278, 74.7851, 80.9211



79.6715, 76.2301, 82.2334



75.4012, 86.6842, 83.6379



16.6576, 16.5459, 17.9433



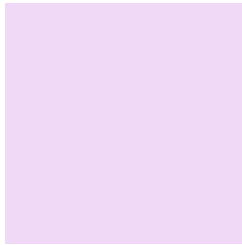
20.7303, 10.6356, 3.2883



1.8601, 0.9500, 0.4897

Previews

White Background



This preview shows how the XYZ color 77.5365, 74.8664, 98.3597 looks on a white background.

Color Contrast Check

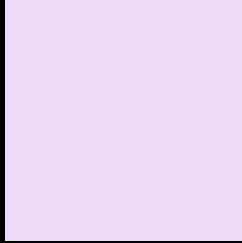
Large Text (above 18pt) WCAG AA × Fail

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 77.5365, 74.8664, 98.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

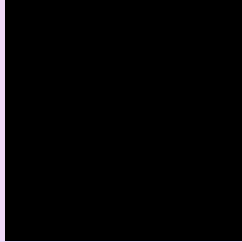
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5365, 74.8664, 98.3597

Background



This preview shows how black text looks on a background with the XYZ color 77.5365, 74.8664, 98.3597.

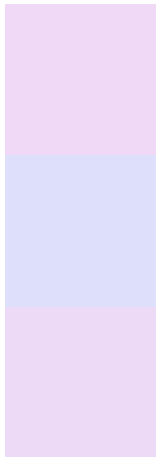


This preview shows how white text looks on a background with the XYZ color 77.5365, 74.8664,

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

77.5365, 74.8664, 98.3597

Protanopia

73.6191, 75.1125, 101.8848

Deuteranopia

76.4520, 74.6911, 98.3831



Tritanopia

75.7317, 74.8963, 89.8218

Trichromacy



Original Color

77.5365, 74.8664, 98.3597

Protanomaly

75.1067, 75.1090, 100.9814

Deuteranomaly

76.7850, 74.8627, 98.3986

Tritanomaly

76.3962, 74.7848, 92.8465

Monochromacy



Original Color

77.5365, 74.8664, 98.3597

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.5177, 75.8717, 88.5591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5365, 74.8664, 98.3597 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(240, 217, 247)` looks like.

```
.text, #text, p{  
    color:rgb(240, 217, 247)  
}
```

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(240, 217, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 217, 247) }
```

Border

The CSS property to change the border of an element to XYZ 77.5365, 74.8664, 98.3597 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(240, 217, 247) }
```


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

```
.border{ border-color:rgb(240, 217, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 217, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 217, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 217, 247);  
box-shadow:4px 4px 4px 4px rgb(240, 217,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5365, 74.8664, 98.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 217, 247) }
```

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

```
.background{ background-color: rgb(240,  
217, 247) }
```

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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