

Converting Colors

XYZ(75.5751, 75.7433, 97.2089)

Have a look what the booklet for
XYZ(75.5751, 75.7433, 97.2089)
contains.

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Color

**XYZ(75.5577, 75.8240,
97.0394)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DEF5
RGB	231, 222, 245
RGB Percent	91%, 87%, 96%
CMY	0.0941, 0.1294, 0.0392
CMYK	0.06, 0.09, 0.00, 0.04
HSL	263°, 53%, 92%
HSV	263°, 9%, 96%
XYZ	75.5577, 75.8240, 97.0394
YIQ	227.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

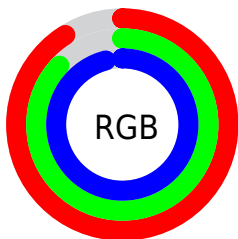
Format	Color
R _Y B	231, 222, 245
Decimal	15195893
CIE Lab	89.78, 7.24, -10.09
CIE LCh	90, 12.423, 305.662
Yxy	75.8240, 0.3042, 0.3052
Android (android.graphics.Color)	4293385973 (0xFFE7DEF5)
YUV	227.3130, 8.7197, 3.2335
Hunter-Lab	87.0770, 2.5018, -5.1194

Details

The XYZ color **75.5577, 75.8240, 97.0394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.4320, 88.4136, 81.9372**, and the grayscale version is **73.1829, 76.9941, 83.8465**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6832, 40.4255, 53.8028** is the 20% darker color. If you saturate the color by 10%, you get **64.9074, 61.3671, 94.8114**, and if you desaturate by 10%, it is **87.5683, 92.3899, 99.6051**.

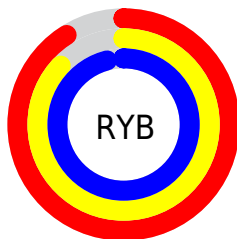
Distribution



Red (91%)

Green (87%)

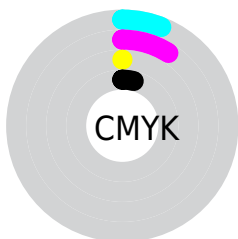
Blue (96%)



Red (91%)

Yellow (87%)

Blue (96%)

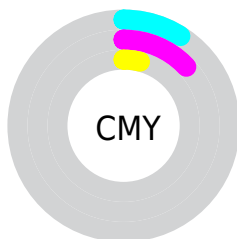


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5577, 75.8240, 97.0394 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 75.5577, 75.8240, 97.0394 by changing the saturation by 10% instead.

75.5577, 75.8240,
97.0394

75.5577, 75.8240,
97.0394

468.8000,
480.7450, 571.8238

56.3657, 56.2882,
73.2273

126.0852,
127.4781, 159.0989

40.7343, 40.4340,
53.6689

158.1514,
160.3652, 198.1833

28.2983, 27.8771,
37.9456

195.2397,
198.4715, 243.1956

18.6923, 18.2331,
25.6390

237.7154,
242.1814, 294.5543

11.5508, 11.1174,
16.3304

285.9439,
291.8793, 352.6779

6.5086, 6.1459,
9.6014

340.2906,

3.2003, 2.9340,

347.9496, 417.9850

5.0333

401.1209,
410.7767, 490.8941

■ 1.2606, 1.0974,
2.2078

■ 0.1534, 0.0000,
0.6788

■ 75.5577, 75.8240,
97.0394

■ 75.5577, 75.8240,
97.0394

■ 64.9074, 61.3671,
94.8114

■ 87.5683, 92.3899,
99.6051

■ 55.5598, 48.9230,
92.9022

■ 93.4817, 99.3727,
100.6412

■ 47.4630, 38.4025,
91.2982

■ 40.5590, 29.7055,
89.9834

■ 34.7844, 22.7228,
88.9400

■ 30.0697, 17.3331,
88.1482

■ 26.3363, 13.3983,
87.5854

■ 23.4928, 10.7555,
87.2252

■ 21.4029, 9.1539,
87.0262

Harmonies

Analogous

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



72.6512, 75.8240, 100.5121



75.5577, 75.8240, 97.0394



77.5702, 75.8240, 89.7094

Triad

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



75.5577, 75.8240, 97.0394



74.5236, 75.8240, 68.1219



66.3638, 75.8240, 84.2351

Complementary

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



75.5577, 75.8240, 97.0394



80.4320, 88.4136, 81.9372

Split Complementary

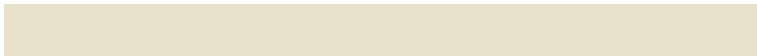
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.8332, 75.8240, 75.7999



75.5577, 75.8240, 97.0394



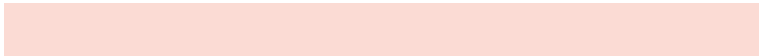
71.4888, 75.8240, 66.8829

Square

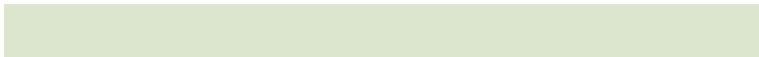
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5577, 75.8240, 97.0394



76.9614, 75.8240, 73.1090



68.6883, 75.8240, 69.5967



67.3874, 75.8240, 92.7911

Rectangle

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



75.5577, 75.8240, 97.0394



78.1035, 75.8240, 83.8422



68.6883, 75.8240, 69.5967



66.3525, 75.8240, 81.2898

Sweetspot

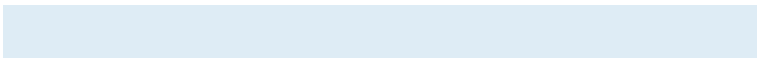
The Sweet Spot groups the original color and five complimentary colors.



75.5599, 75.8272, 97.0411



90.9652, 94.3432, 108.0234



76.6566, 82.2213, 98.2174



19.2416, 19.8775, 23.0725



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.



75.5599, 75.8272, 97.0411



80.7398, 80.2948, 105.8507



79.3317, 77.7716, 97.2176



16.1944, 16.2429, 20.8242



11.6134, 4.9613, 46.8835



1.1325, 0.4937, 4.1258

Inverse Universe

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



78.9204, 77.7145, 90.2013



85.0285, 82.7041, 97.0907



76.7926, 86.5374, 81.7669



16.9230, 16.6520, 19.3409



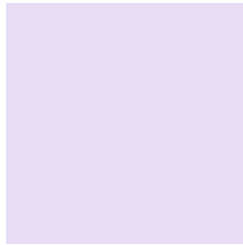
23.2850, 11.6575, 16.7413



2.0969, 1.0447, 1.7366

Previews

White Background



This preview shows how the XYZ color 75.5577, 75.8240, 97.0394 looks on a white background.

Color Contrast Check

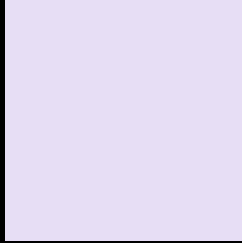
Large Text (above 18pt) WCAG AA × Fail

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 75.5577, 75.8240, 97.0394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

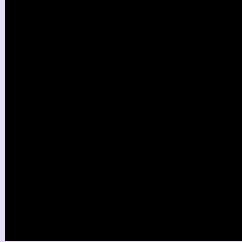
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5577, 75.8240, 97.0394

Background



This preview shows how black text looks on a background with the XYZ color 75.5577, 75.8240, 97.0394.



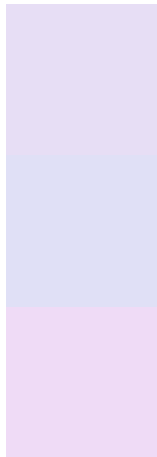
This preview shows how white text looks on a background with the XYZ color 75.5577, 75.8240,

97.0394.

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

75.5577, 75.8240, 97.0394

Protanopia

74.0307, 75.8124, 97.9202

Deuteranopia

77.5627, 75.6676, 97.7061



Tritanopia

74.7490, 75.8896, 93.1465

Trichromacy



Original Color

75.5577, 75.8240, 97.0394

Protanomaly

74.7008, 75.7601, 97.8748

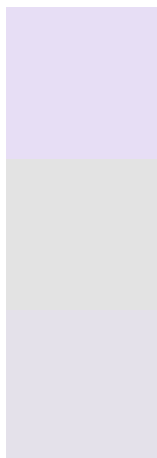
Deuteranomaly

76.8198, 75.6731, 97.7463

Tritanomaly

75.0478, 76.0092, 94.7202

Monochromacy



Original Color

75.5577, 75.8240, 97.0394

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7714, 76.2849, 88.6782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5577, 75.8240, 97.0394 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(231, 222, 245)` looks like.

```
.text, #text, p{  
    color:rgb(231, 222, 245)  
}
```

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(231, 222, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 222, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.5577, 75.8240, 97.0394 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(231, 222, 245) }
```


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

```
.border{ border-color:rgb(231, 222, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 222, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 222, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 222, 245);  
box-shadow:4px 4px 4px 4px rgb(231, 222,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5577, 75.8240, 97.0394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 222, 245) }
```

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

```
.background{ background-color: rgb(231,  
222, 245) }
```

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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