

Converting Colors

XYZ(74.4006, 77.1246, 99.9379)

Have a look what the booklet for
XYZ(74.4006, 77.1246, 99.9379)
contains.

XYZ(74.5366, 77.2451, 99.7882)	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(74.5366, 77.2451,
99.7882)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE3F8
RGB	222, 227, 248
RGB Percent	87%, 89%, 97%
CMY	0.1294, 0.1098, 0.0274
CMYK	0.10, 0.08, 0.00, 0.03
HSL	228°, 65%, 92%
HSV	228°, 10%, 97%
XYZ	74.5366, 77.2451, 99.7882
YIQ	227.8990, -9.7210, 5.4710

Conversions

Conversions Part 2

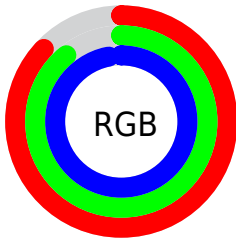
Format	Color
R _Y B	222, 226, 248
Decimal	14607352
CIE Lab	90.43, 2.32, -10.76
CIE LCh	90, 11.008, 282.145
Yxy	77.2451, 0.2963, 0.3071
Android (android.graphics.Color)	4292797432 (0xFFDEE3F8)
YUV	227.8990, 9.9098, -5.1734
Hunter-Lab	87.8892, -2.4248, -5.7946

Details

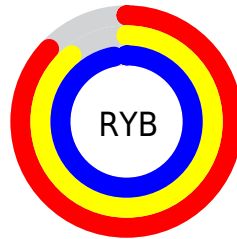
The XYZ color **74.5366, 77.2451, 99.7882** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.9472, 89.3311, 81.9270**, and the grayscale version is **73.6059, 77.4391, 84.3312**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2033, 41.5263, 55.7656** is the 20% darker color. If you saturate the color by 10%, you get **62.3297, 63.2896, 97.7391**, and if you desaturate by 10%, it is **88.5025, 93.0574, 102.1054**.

Distribution



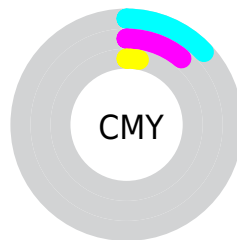
- Red (87%)
- Green (89%)
- Blue (97%)



- Red (87%)
- Yellow (89%)
- Blue (97%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5366, 77.2451, 99.7882 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 74.5366, 77.2451, 99.7882 by changing the saturation by 10% instead.

■ 74.5366, 77.2451,
99.7882

■ 74.5366, 77.2451,
99.7882

465.3450,
485.5993, 580.7543

■ 55.5262, 57.4541,
75.5078

124.6476,
129.4854, 162.9154

■ 40.0587, 41.3699,
55.5247

156.4789,
162.7035, 202.5993

■ 27.7687, 28.6082,
39.4206

193.3145,
201.1660, 248.2547

■ 18.2909, 18.7847,
26.7767

235.5198,
245.2574, 300.3003

■ 11.2600, 11.5148,
17.1746

283.4602,
295.3620, 359.1545

■ 6.3106, 6.4142,
10.1958

337.5009,

■ 3.0773, 3.0985,

351.8642, 425.2358

5.4217

398.0074,
415.1486, 498.9629

■ 1.1948, 1.1834,
2.4337

■ 0.1022, 0.0481,
0.8047

■ 74.5366, 77.2451,
99.7882

■ 74.5366, 77.2451,
99.7882

■ 62.3297, 63.2896,
97.7391

■ 88.5025, 93.0574,
102.1054

■ 51.8047, 51.1127,
95.9435

■ 93.9435, 99.5574,
103.0733

■ 42.8886, 40.6448,
94.3929

■ 35.5007, 31.8080,
93.0766

■ 29.5527, 24.5181,
91.9830

■ 24.9472, 18.6833,
91.0995

■ 21.5742, 14.2011,
90.4121

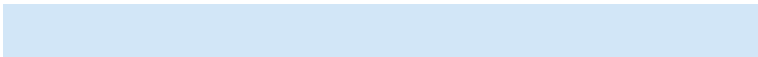
■ 19.3050, 10.9551,
89.9052

■ 17.9891, 8.8686,
89.5718

Harmonies

Analogous

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



71.8106, 77.2451, 99.3514



74.5366, 77.2451, 99.7882



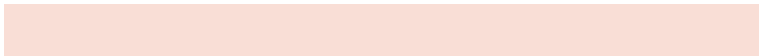
77.0227, 77.2451, 95.8356

Triad

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



74.5366, 77.2451, 99.7882



77.4078, 77.2451, 74.3541



68.5028, 77.2451, 79.5508

Complementary

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



74.5366, 77.2451, 99.7882



83.9472, 89.3311, 81.9270

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.



69.9298, 77.2451, 73.3763



74.5366, 77.2451, 99.7882



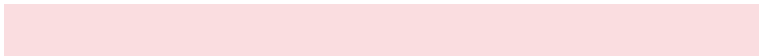
75.0515, 77.2451, 70.5072

Square

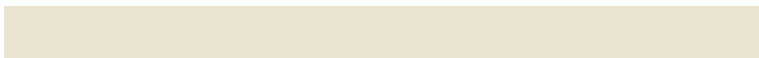
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5366, 77.2451, 99.7882



78.7079, 77.2451, 80.9626



72.3129, 77.2451, 70.1608



68.3728, 77.2451, 87.3313

Rectangle

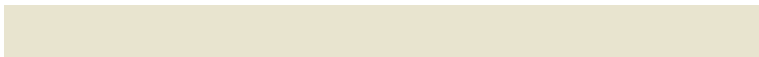
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5366, 77.2451, 99.7882



78.1915, 77.2451, 91.3788



72.3129, 77.2451, 70.1608



68.8451, 77.2451, 77.2312

Sweetspot

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



74.5389, 77.2483, 99.7899



90.3520, 94.6993, 108.1245



79.8404, 89.1247, 97.6318



19.0766, 19.9729, 23.0997



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.



74.5389, 77.2483, 99.7899



75.9347, 78.3388, 105.7264



75.6350, 75.8114, 99.4548



16.5533, 17.1835, 21.8296



9.7931, 4.9417, 48.4113



0.9765, 0.5966, 4.5069

Inverse Universe

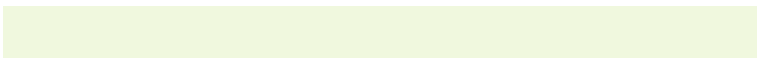
The Inverse Universe completely reimagines the original color for something new.



78.6996, 77.7468, 83.5355



81.3569, 79.0371, 84.5332



82.7567, 90.9703, 82.3061



17.3811, 17.2798, 18.5965



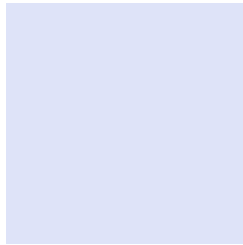
21.2351, 10.9098, 2.6806



2.0018, 1.0245, 0.4329

Previews

White Background



This preview shows how the XYZ color 74.5366, 77.2451, 99.7882 looks on a white background.

Color Contrast Check

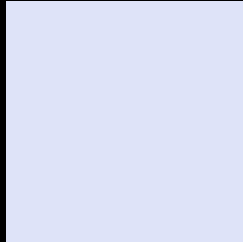
Large Text (above 18pt) WCAG AA × Fail

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 74.5366, 77.2451, 99.7882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

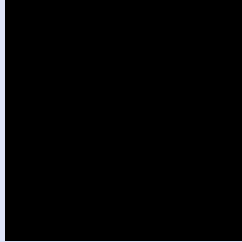
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5366, 77.2451, 99.7882

Background



This preview shows how black text looks on a background with the XYZ color 74.5366, 77.2451, 99.7882.



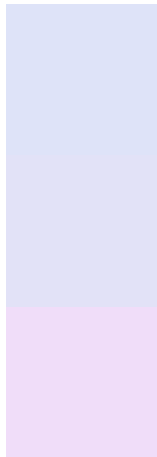
This preview shows how white text looks on a background with the XYZ color 74.5366, 77.2451,

99.7882.

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

74.5366, 77.2451, 99.7882

Protanopia

75.3489, 77.2769, 98.9403

Deuteranopia

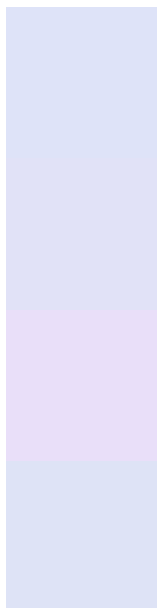
78.8905, 77.0777, 100.3420



Tritanopia

74.0747, 77.0603, 97.3562

Trichromacy



Original Color

74.5366, 77.2451, 99.7882

Protanomaly

75.0362, 77.1157, 98.9257

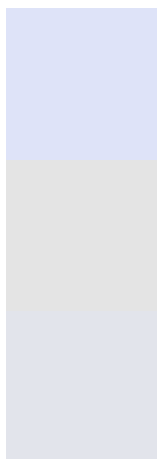
Deuteranomaly

77.0908, 76.9385, 100.4100

Tritanomaly

74.2278, 77.1216, 98.1625

Monochromacy



Original Color

74.5366, 77.2451, 99.7882

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.1028, 77.6537, 89.6803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5366, 77.2451, 99.7882 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(222, 227, 248)` looks like.

```
.text, #text, p{  
    color:rgb(222, 227, 248)  
}
```

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(222, 227, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 227, 248) }
```

Border

The CSS property to change the border of an element to XYZ 74.5366, 77.2451, 99.7882 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(222, 227, 248) }
```


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

```
.border{ border-color:rgb(222, 227, 248) }
```

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

Here you see how a box with a 4 pixel rgb(222, 227, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 227, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 227, 248);  
box-shadow:4px 4px 4px 4px rgb(222, 227,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5366, 77.2451, 99.7882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 227, 248) }
```

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

```
.background{ background-color: rgb(222,  
227, 248) }
```

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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