

Converting Colors

XYZ(74.0390, 75.4108, 98.3296)

Have a look what the booklet for
XYZ(74.0390, 75.4108, 98.3296)
contains.

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Color

**XYZ(74.2275, 75.4983,
98.6561)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DFF7
RGB	225, 223, 247
RGB Percent	88%, 87%, 97%
CMY	0.1176, 0.1255, 0.0314
CMYK	0.09, 0.10, 0.00, 0.03
HSL	245°, 60%, 92%
HSV	245°, 10%, 97%
XYZ	74.2275, 75.4983, 98.6561
YIQ	226.3340, -6.5120, 7.8880

Conversions

Conversions Part 2

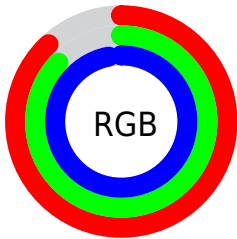
Format	Color
RYB	225, 223, 247
Decimal	14802935
CIELab	89.63, 5.16, -11.42
CIELCh	90, 12.530, 294.328
Yxy	75.4983, 0.2988, 0.3040
Android (android.graphics.Color)	4292993015 (0xFFE1DFF7)
YUV	226.3340, 10.1883, -1.1699
Hunter-Lab	86.8898, 0.4305, -6.4960

Details

The XYZ color **74.2275, 75.4983, 98.6561** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.2390, 91.2637, 82.9915**, and the grayscale version is **72.4642, 76.2380, 83.0232**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9842, 40.3129, 54.9640** is the 20% darker color. If you saturate the color by 10%, you get **61.5065, 59.8497, 96.3073**, and if you desaturate by 10%, it is **88.8519, 93.5612, 101.3730**.

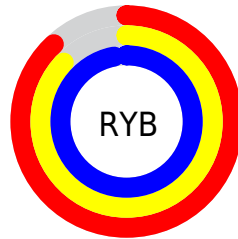
Distribution



Red (88%)

Green (87%)

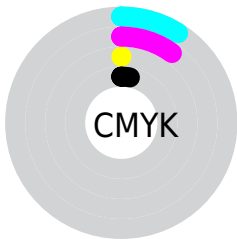
Blue (97%)



Red (88%)

Yellow (87%)

Blue (97%)

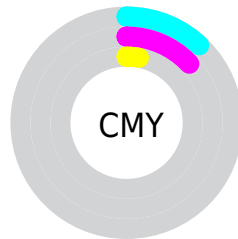


Cyan (9%)

Magenta (10%)

Yellow (0%)

Black (3%)



Cyan (12%)

Magenta (13%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2275, 75.4983, 98.6561 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 74.2275, 75.4983, 98.6561 by changing the saturation by 10% instead.

■ 74.2275, 75.4983,
98.6561

■ 74.2275, 75.4983,
98.6561

464.2964,
479.6285, 577.0852

■ 55.2722, 56.0212,
74.5680

124.2120,
127.0175, 161.3449

■ 39.8544, 40.2199,
54.7595

155.9720,
159.8284, 200.7827

■ 27.6087, 27.7101,
38.8119

192.7308,
197.8526, 246.1741

■ 18.1699, 18.1072,
26.3067

234.8539,
241.4747, 297.9378

■ 11.1724, 11.0270,
16.8254

282.7067,
291.0789, 356.4922

■ 6.2511, 6.0850,
9.9495

336.6545,

■ 3.0405, 2.8968,

347.0497, 422.2558

5.2603

397.0626,
409.7714, 495.6473

■ 1.1752, 1.0781,
2.3394

■ 0.0867, 0.0000,
0.7532

■ 74.2275, 75.4983,
98.6561

■ 74.2275, 75.4983,
98.6561

■ 61.5065, 59.8497,
96.3073

■ 88.8519, 93.5612,
101.3730

■ 50.6041, 46.5040,
94.3059

■ 93.7887, 99.4955,
102.2582

■ 41.4389, 35.3552,
92.6370

■ 33.9211, 26.2853,
91.2826

■ 27.9524, 19.1653,
90.2229

■ 23.4242, 13.8516,
89.4359

■ 20.2136, 10.1809,
88.8966

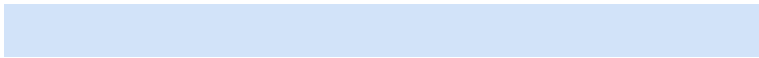
■ 18.1771, 7.9602,
88.5753

■ 17.1099, 6.8924,
88.4254

Harmonies

Analogous

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



71.1749, 75.4983, 100.2727



74.2275, 75.4983, 98.6561



76.6805, 75.4983, 92.5021

Triad

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



74.2275, 75.4983, 98.6561



75.2697, 75.4983, 69.1763



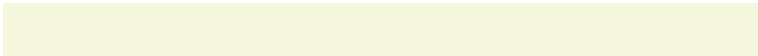
66.0230, 75.4983, 80.5392

Complementary

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



74.2275, 75.4983, 98.6561



84.2390, 91.2637, 82.9915

Split Complementary

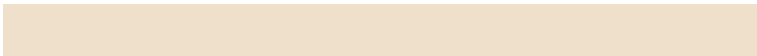
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.0525, 75.4983, 72.7015



74.2275, 75.4983, 98.6561



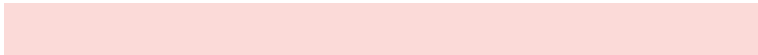
72.3460, 75.4983, 66.4492

Square

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



74.2275, 75.4983, 98.6561



77.2942, 75.4983, 75.4107



69.3456, 75.4983, 67.6923



66.4944, 75.4983, 89.3952

Rectangle

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



74.2275, 75.4983, 98.6561



77.6160, 75.4983, 86.8741



69.3456, 75.4983, 67.6923



66.2041, 75.4983, 77.7059

Sweetspot

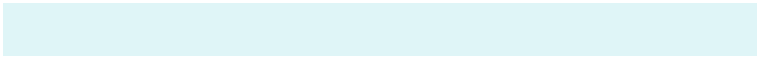
The Sweet Spot groups the original color and five complimentary colors.



74.2297, 75.5015, 98.6578



90.1245, 93.9098, 107.9841



79.9958, 87.9524, 100.7571



19.0155, 19.7609, 23.0620



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.



74.2297, 75.5015, 98.6578



76.4749, 77.0687, 105.4528



77.9704, 77.4299, 98.8328



15.7089, 15.9926, 20.8015



9.0840, 3.6573, 46.7652



0.8415, 0.3436, 4.1122

Inverse Universe

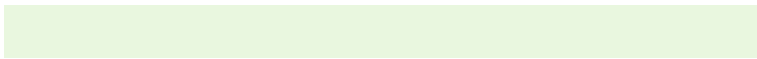
The Inverse Universe completely reimagines the original color for something new.



81.2295, 79.1454, 97.3853



85.6460, 81.8437, 103.7562



80.3174, 89.2420, 82.8080



17.1506, 16.7431, 20.5399



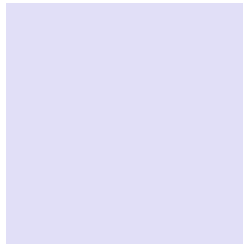
27.6045, 13.3852, 39.4870



2.4434, 1.1833, 3.5613

Previews

White Background



This preview shows how the XYZ color 74.2275, 75.4983, 98.6561 looks on a white background.

Color Contrast Check

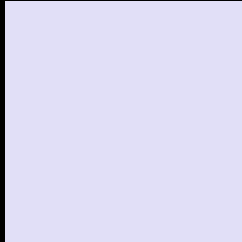
Large Text (above 18pt) WCAG AA × Fail

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 74.2275, 75.4983, 98.6561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

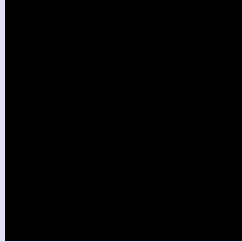
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2275, 75.4983, 98.6561

Background



This preview shows how black text looks on a background with the XYZ color 74.2275, 75.4983, 98.6561.

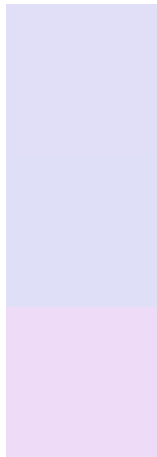


This preview shows how white text looks on a background with the XYZ color 74.2275, 75.4983,

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

74.2275, 75.4983, 98.6561

Protanopia

73.8756, 75.7147, 98.7164

Deuteranopia

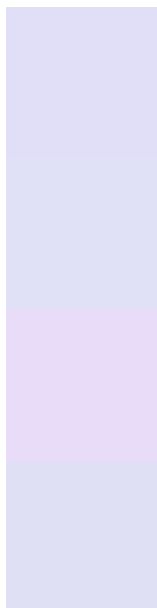
77.1998, 75.4449, 99.3004



Tritanopia

73.4231, 75.5694, 94.7209

Trichromacy



Original Color

74.2275, 75.4983, 98.6561

Protanomaly

74.1846, 75.8740, 98.7309

Deuteranomaly

76.1407, 75.2873, 99.3258

Tritanomaly

73.7253, 75.6903, 96.3119

Monochromacy



Original Color

74.2275, 75.4983, 98.6561

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1405, 75.9597, 88.6487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2275, 75.4983, 98.6561 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(225, 223, 247) looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 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(225, 223, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 247) }
```

Border

The CSS property to change the border of an element to XYZ 74.2275, 75.4983, 98.6561 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(225, 223, 247) }
```


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

```
.border{ border-color:rgb(225, 223, 247) }
```

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

Here you see how a box with a 4 pixel rgb(225, 223, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 247);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2275, 75.4983, 98.6561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 247) }
```

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

```
.background{ background-color: rgb(225,  
223, 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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