

Converting Colors

XYZ(101.6799, 86.4370,
244.5730)

Have a look what the booklet for
XYZ(101.6799, 86.4370, 244.5730)
contains.

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Color

**XYZ(75.1781, 75.8426,
105.2845)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DFFF
RGB	224, 223, 255
RGB Percent	88%, 87%, 100%
CMY	0.1216, 0.1255, 0.0000
CMYK	0.12, 0.13, 0.00, 0.00
HSL	242°, 100%, 94%
HSV	242°, 13%, 100%
XYZ	75.1781, 75.8426, 105.2845
YIQ	226.9470, -9.6760, 10.1640

Conversions

Conversions Part 2

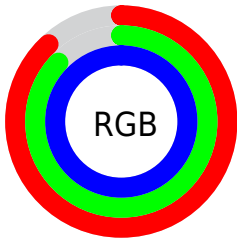
Format	Color
R _Y B	224, 223, 255
Decimal	14737407
CIE Lab	89.79, 6.43, -15.38
CIE LCh	90, 16.671, 292.681
Yxy	75.8426, 0.2933, 0.2959
Android (android.graphics.Color)	4292927487 (0xFFE0DFFF)
YUV	226.9470, 13.8301, -2.5845
Hunter-Lab	87.0877, 1.6861, -10.7172

Details

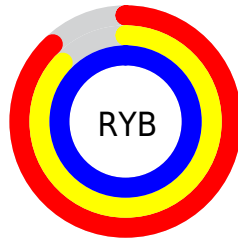
The XYZ color **75.1781, 75.8426, 105.2845** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.9541, 97.9194, 83.9748**, and the grayscale version is **72.8846, 76.6803, 83.5048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5579, 40.5175, 59.1091** is the 20% darker color. If you saturate the color by 10%, you get **61.7632, 59.5650, 102.8497**, and if you desaturate by 10%, it is **90.7356, 94.7518, 108.1144**.

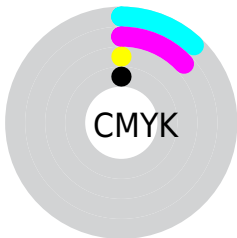
Distribution



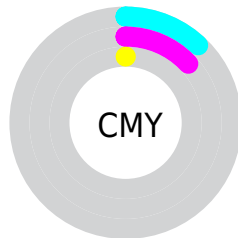
- Red (88%)
- Green (87%)
- Blue (100%)



- Red (88%)
- Yellow (87%)
- Blue (100%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1781, 75.8426, 105.2845 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 75.1781, 75.8426, 105.2845 by changing the saturation by 10% instead.

75.1781, 75.8426,
105.2845

75.1781, 75.8426,
105.2845

467.5172,
480.8087, 598.3964

56.0535, 56.3035,
80.0797

125.5510,
127.5044, 170.5155

40.4830, 40.4463,
59.2574

157.5300,
160.3958, 211.3788

28.1012, 27.8867,
42.3990

194.5245,
198.5068, 258.2988

18.5428, 18.2402,
29.0859

236.8999,
242.2217, 311.6939

11.4424, 11.1226,
18.8997

285.0215,
291.9250, 371.9826

6.4347, 6.1494,
11.4218

339.2547,

3.1543, 2.9361,

348.0010, 439.5836

6.2335

399.9648,
410.8341, 514.9154

■ 1.2359, 1.0985,
2.9165

■ 0.1344, 0.0000,
1.0522

■ 75.1781, 75.8426,
105.2845

■ 75.1781, 75.8426,
105.2845

■ 61.7632, 59.5650,
102.8497

■ 90.7356, 94.7518,
108.1144

■ 50.3911, 45.7937,
100.7909

95.0500, 100.0000,
108.9000

■ 40.9637, 34.4071,
99.0900

■ 33.3719, 25.2696,
97.7264

■ 27.4962, 18.2322,
96.6777

■ 23.2028, 13.1281,
95.9188

■ 20.3381, 9.7647,
95.4206

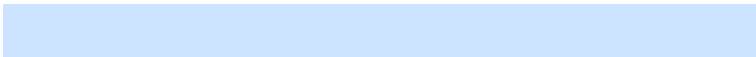
■ 18.7182, 7.9103,
95.1480

■ 18.1495, 7.2713,
95.0547

Harmonies

Analogous

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



71.0835, 75.8426, 107.1373



75.1781, 75.8426, 105.2845



78.5587, 75.8426, 97.0828

Triad

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



75.1781, 75.8426, 105.2845



76.9867, 75.8426, 65.8487



64.5247, 75.8426, 79.7283

Complementary

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



75.1781, 75.8426, 105.2845



89.9541, 97.9194, 83.9748

Split Complementary

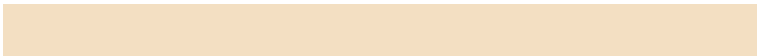
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.9792, 75.8426, 69.5981



75.1781, 75.8426, 105.2845



73.0981, 75.8426, 62.0945

Square

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



75.1781, 75.8426, 105.2845



79.6303, 75.8426, 74.1523



69.0801, 75.8426, 63.3990



65.0341, 75.8426, 91.6226

Rectangle

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



75.1781, 75.8426, 105.2845



79.9009, 75.8426, 89.5060



69.0801, 75.8426, 63.3990



64.7983, 75.8426, 76.0203

Sweetspot

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



75.1802, 75.8457, 105.2850



88.3393, 91.8376, 107.6782



84.0731, 94.0890, 108.3376



18.6466, 19.3389, 22.9999



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.



75.1802, 75.8457, 105.2850



71.6946, 71.6134, 104.6518



80.2168, 78.4422, 105.5207



17.0553, 17.4047, 22.7105



9.5061, 3.8111, 49.6692



0.9432, 0.3801, 4.8369

Inverse Universe

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



85.5189, 81.1940, 104.9330



83.8471, 77.9004, 104.2218



84.4976, 95.1065, 83.7195



18.7668, 18.2900, 22.6550



30.3364, 14.6238, 47.2831



2.9611, 1.4268, 4.6428

Previews

White Background



This preview shows how the XYZ color 75.1781, 75.8426, 105.2845 looks on a white background.

Color Contrast Check

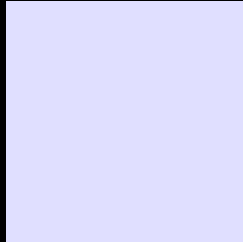
Large Text (above 18pt) WCAG AA × Fail

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 75.1781, 75.8426, 105.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

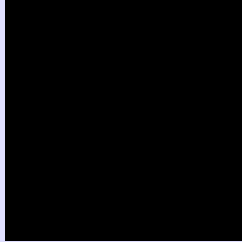
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1781, 75.8426, 105.2845

Background



This preview shows how black text looks on a background with the XYZ color 75.1781, 75.8426, 105.2845.



This preview shows how white text looks on a background with the XYZ color 75.1781, 75.8426,

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

75.1781, 75.8426, 105.2845

Protanopia

74.5244, 75.9035, 105.3307

Deuteranopia

77.2475, 75.7300, 105.1537



Tritanopia

73.2271, 75.8511, 95.5753

Trichromacy



Original Color

75.1781, 75.8426, 105.2845

Protanomaly

74.8299, 76.0609, 105.3450

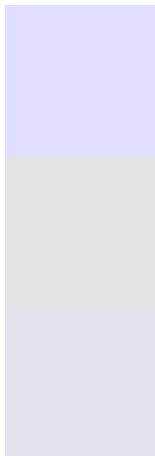
Deuteranomaly

76.5396, 75.7559, 105.1960

Tritanomaly

73.8756, 75.7147, 98.7164

Monochromacy



Original Color

75.1781, 75.8426, 105.2845

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8464, 76.6759, 91.0286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1781, 75.8426, 105.2845 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(224, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 223, 255)  
}
```

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(224, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.1781, 75.8426, 105.2845 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(224, 223, 255) }
```


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

```
.border{ border-color:rgb(224, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1781, 75.8426, 105.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 223, 255) }
```

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

```
.background{ background-color: rgb(224,  
223, 255) }
```

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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