

Converting Colors

XYZ(76.6293, 75.2494,
105.0935)

Have a look what the booklet for
XYZ(76.6293, 75.2494, 105.0935)
contains.

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Color

**XYZ(76.5982, 75.3953,
105.1233)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DCFF
RGB	231, 220, 255
RGB Percent	91%, 86%, 100%
CMY	0.0941, 0.1372, 0.0000
CMYK	0.09, 0.14, 0.00, 0.00
HSL	259°, 100%, 93%
HSV	259°, 14%, 100%
XYZ	76.5982, 75.3953, 105.1233
YIQ	227.2790, -4.6790, 13.2170

Conversions

Conversions Part 2

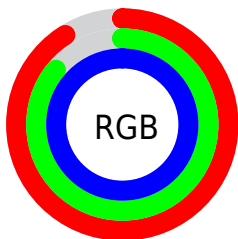
Format	Color
R _Y B	231, 220, 255
Decimal	15195391
CIE Lab	89.58, 10.22, -15.64
CIE LCh	90, 18.683, 303.162
Yxy	75.3953, 0.2979, 0.2932
Android (android.graphics.Color)	4293385471 (0xFFE7DCFF)
YUV	227.2790, 13.6665, 3.2633
Hunter-Lab	86.8305, 5.5119, -10.9995

Details

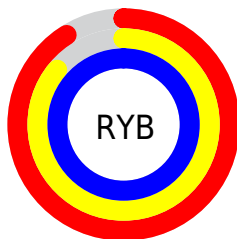
The XYZ color **76.5982, 75.3953, 105.1233** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.9882, 95.9212, 81.6963**, and the grayscale version is **73.1246, 76.9327, 83.7797**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3274, 40.1014, 58.9882** is the 20% darker color. If you saturate the color by 10%, you get **65.0448, 60.2522, 102.8093**, and if you desaturate by 10%, it is **89.7404, 92.8768, 107.8049**.

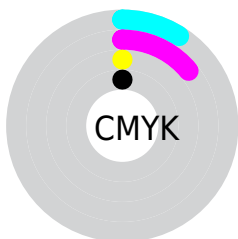
Distribution



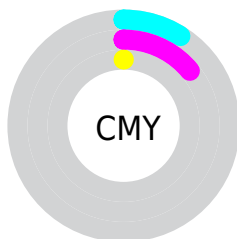
- Red (91%)
- Green (86%)
- Blue (100%)



- Red (91%)
- Yellow (86%)
- Blue (100%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5982, 75.3953, 105.1233 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 76.5982, 75.3953, 105.1233 by changing the saturation by 10% instead.

76.5982, 75.3953,
105.1233

76.5982, 75.3953,
105.1233

472.3060,
479.2752, 597.8829

57.2219, 55.9368,
79.9454

127.5480,
126.8718, 170.2932

41.4243, 40.1523,
59.1475

159.8522,
159.6585, 211.1223

28.8399, 27.6573,
42.3111

197.1965,
197.6568, 258.0055

19.1034, 18.0675,
29.0176

239.9462,
241.2510, 311.3614

11.8495, 10.9984,
18.8484

288.4666,
290.8256, 371.6086

6.7127, 6.0658,
11.3851

343.1232,

3.3278, 2.8851,

346.7649, 439.1656

6.2091

404.2812,
409.4533, 514.4508

■ 1.3294, 1.0721,
2.9018

■ 0.2051, 0.0000,
1.0447

■ 76.5982, 75.3953,
105.1233

■ 76.5982, 75.3953,
105.1233

■ 65.0448, 60.2522,
102.8093

■ 89.7404, 92.8768,
107.8049

■ 55.0114, 47.3375,
100.8454

95.0500, 100.0000,
108.9000

■ 46.4332, 36.5462,
99.2146

■ 39.2382, 27.7609,
97.8981

■ 33.3475, 20.8526,
96.8751

■ 28.6738, 15.6768,
96.1224

■ 25.1175, 12.0667,
95.6130

■ 22.5605, 9.8204,
95.3142

■ 21.3695, 8.9313,
95.2054

Harmonies

Analogous

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



72.1489, 75.3953, 110.0065



76.5982, 75.3953, 105.1233



79.8285, 75.3953, 94.0416

Triad

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



76.5982, 75.3953, 105.1233



75.7200, 75.3953, 61.5405



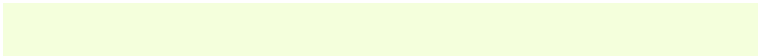
63.2046, 75.3953, 83.4949

Complementary

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



76.5982, 75.3953, 105.1233



85.9882, 95.9212, 81.6963

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.



64.0705, 75.3953, 71.2013



76.5982, 75.3953, 105.1233



71.1752, 75.3953, 59.3519

Square

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



76.5982, 75.3953, 105.1233



79.3064, 75.3953, 69.0274



66.9406, 75.3953, 62.6983



64.5234, 75.3953, 96.7105

Rectangle

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



76.5982, 75.3953, 105.1233



80.7864, 75.3953, 85.1392



66.9406, 75.3953, 62.6983



63.2500, 75.3953, 79.1197

Sweetspot

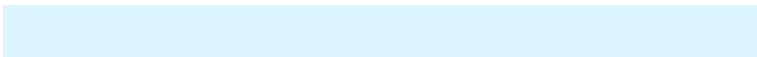
The Sweet Spot groups the original color and five complimentary colors.



76.6003, 75.3984, 105.1238



89.3552, 92.3613, 107.7257



80.0686, 87.4401, 107.2653



18.9028, 19.4709, 23.0119



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.



76.6003, 75.3984, 105.1238



73.8325, 71.7488, 104.5653



82.3563, 78.3657, 105.3932



17.5401, 17.6546, 22.7332



11.3010, 4.7364, 49.7532



1.2075, 0.5164, 4.8493

Inverse Universe

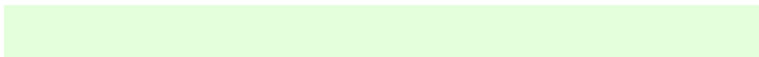
The Inverse Universe completely reimagines the original color for something new.



83.1641, 78.9809, 96.4519



81.3911, 75.8760, 94.5009



80.3588, 93.0191, 81.4328



18.5354, 18.1975, 21.4368



25.6557, 12.7516, 22.6352



2.5474, 1.2614, 2.4642

Previews

White Background



This preview shows how the XYZ color 76.5982, 75.3953, 105.1233 looks on a white background.

Color Contrast Check

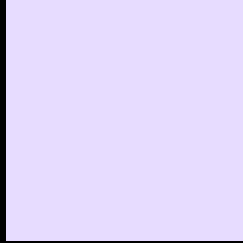
Large Text (above 18pt) WCAG AA × Fail

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 76.5982, 75.3953, 105.1233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

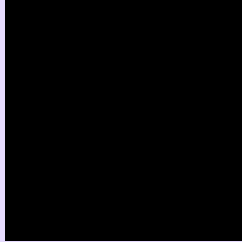
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5982, 75.3953, 105.1233

Background



This preview shows how black text looks on a background with the XYZ color 76.5982, 75.3953, 105.1233.

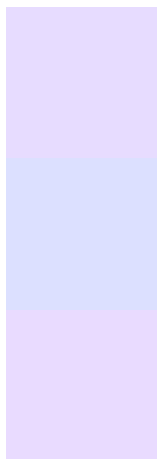


This preview shows how white text looks on a background with the XYZ color 76.5982, 75.3953,

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

76.5982, 75.3953, 105.1233

Protanopia

74.2209, 75.7470, 105.3165

Deuteranopia

76.9858, 75.2067, 105.0665



Tritanopia

74.4290, 75.7246, 93.1316

Trichromacy



Original Color

76.5982, 75.3953, 105.1233

Protanomaly

75.1781, 75.8426, 105.2845

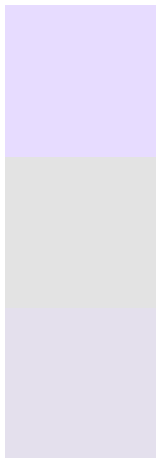
Deuteranomaly

76.6602, 75.0388, 105.0513

Tritanomaly

75.2358, 75.6581, 97.0243

Monochromacy



Original Color

76.5982, 75.3953, 105.1233

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.9366, 75.9197, 90.8779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5982, 75.3953, 105.1233 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, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 220, 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(231, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.5982, 75.3953, 105.1233 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, 220, 255) }
```


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

```
.border{ border-color:rgb(231, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5982, 75.3953, 105.1233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 220, 255) }
```

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

```
.background{ background-color: rgb(231,  
220, 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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