

Converting Colors

XYZ(76.7508, 76.6534,
105.3581)

Have a look what the booklet for
XYZ(76.7508, 76.6534, 105.3581)
contains.

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Color

**XYZ(76.7508, 76.6534,
105.3581)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DFFF
RGB	229, 223, 255
RGB Percent	90%, 87%, 100%
CMY	0.1020, 0.1255, 0.0000
CMYK	0.10, 0.13, 0.00, 0.00
HSL	251°, 100%, 94%
HSV	251°, 13%, 100%
XYZ	76.7508, 76.6534, 105.3581
YIQ	228.4420, -6.6960, 11.2240

Conversions

Conversions Part 2

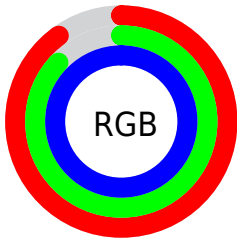
Format	Color
RYB	229, 223, 255
Decimal	15065087
CIELab	90.16, 8.01, -14.78
CIElCh	90, 16.812, 298.459
Yxy	76.6534, 0.2966, 0.2962
Android (android.graphics.Color)	4293255167 (0xFFE5DFFF)
YUV	228.4420, 13.0931, 0.4894
Hunter-Lab	87.5519, 3.2629, -10.0620

Details

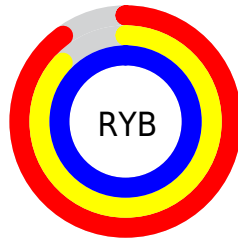
The XYZ color **76.7508, 76.6534, 105.3581** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.1480, 96.9883, 83.8905**, and the grayscale version is **73.9789, 77.8315, 84.7585**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4293, 40.9667, 59.1499** is the 20% darker color. If you saturate the color by 10%, you get **64.2229, 60.8331, 102.9648**, and if you desaturate by 10%, it is **91.0980, 94.9387, 108.1314**.

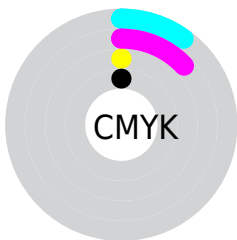
Distribution



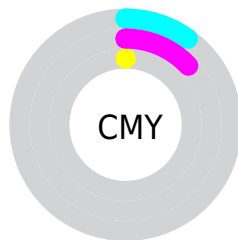
- Red (90%)
- Green (87%)
- Blue (100%)



- Red (90%)
- Yellow (87%)
- Blue (100%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7508, 76.6534, 105.3581 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 76.7508, 76.6534, 105.3581 by changing the saturation by 10% instead.

76.7508, 76.6534,
105.3581

76.7508, 76.6534,
105.3581

472.8189,
483.5815, 598.6308

57.3476, 56.9685,
80.1411

127.7624,
128.6501, 170.6170

41.5256, 40.9799,
59.3076

160.1014,
161.7306, 211.4960

28.9195, 28.3034,
42.4391

197.4831,
200.0452, 258.4327

19.1639, 18.5545,
29.1172

240.2728,
243.9781, 311.8456

11.8935, 11.3488,
18.9231

288.8359,
293.9138, 372.1533

6.7429, 6.3020,
11.4385

343.5377,

3.3467, 3.0295,

350.2367, 439.7744

6.2447

404.7436,
413.3311, 515.1274

■ 1.3397, 1.1472,
2.9233

■ 0.2126, 0.0179,
1.0556

■ 76.7508, 76.6534,
105.3581

■ 76.7508, 76.6534,
105.3581

■ 64.2229, 60.8331,
102.9648

■ 91.0980, 94.9387,
108.1314

■ 53.4347, 47.3628,
100.9334

95.0500, 100.0000,
108.9000

■ 44.3097, 36.1321,
99.2466

■ 36.7635, 27.0181,
97.8851

■ 30.7039, 19.8859,
96.8278

■ 26.0287, 14.5849,
96.0510

■ 22.6222, 10.9422,
95.5275

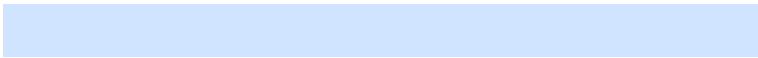
■ 20.3482, 8.7506,
95.2243

■ 19.2593, 7.8434,
95.1066

Harmonies

Analogous

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



72.6410, 76.6534, 108.6277



76.7508, 76.6534, 105.3581



79.9172, 76.6534, 96.0803

Triad

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



76.7508, 76.6534, 105.3581



77.1387, 76.6534, 65.3564



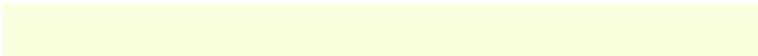
65.1206, 76.6534, 82.8456

Complementary

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



76.7508, 76.6534, 105.3581



88.1480, 96.9883, 83.8905

Split Complementary

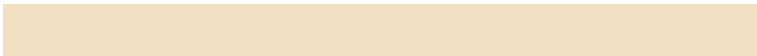
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.2249, 76.6534, 72.0008



76.7508, 76.6534, 105.3581



73.0729, 76.6534, 62.5190

Square

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



76.7508, 76.6534, 105.3581



80.1471, 76.6534, 72.9759



69.0967, 76.6534, 64.8323



66.0225, 76.6534, 94.9085

Rectangle

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



76.7508, 76.6534, 105.3581



81.0113, 76.6534, 88.1488



69.0967, 76.6534, 64.8323



65.2687, 76.6534, 78.9454

Sweetspot

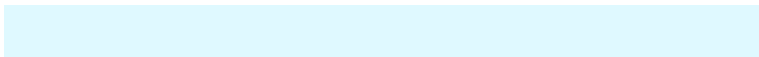
The Sweet Spot groups the original color and five complimentary colors.



76.7529, 76.6565, 105.3586



88.8982, 92.1257, 107.7043



82.4002, 90.7432, 107.7800



18.7874, 19.4115, 23.0065



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.



76.7529, 76.6565, 105.3586



73.5140, 72.5513, 104.7369



82.0493, 79.3870, 105.6065



17.3206, 17.5415, 22.7229



10.1537, 4.1449, 49.6995



1.0692, 0.4451, 4.8428

Inverse Universe

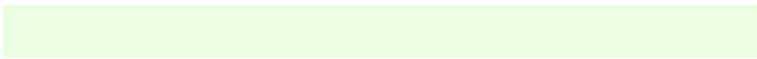
The Inverse Universe completely reimagines the original color for something new.



84.7284, 80.8779, 100.7703



82.9055, 77.5237, 99.2632



82.7290, 94.1947, 83.6369



18.6380, 18.2385, 21.9770



27.4991, 13.4889, 32.3423



2.7135, 1.3278, 3.3386

Previews

White Background



This preview shows how the XYZ color 76.7508, 76.6534, 105.3581 looks on a white background.

Color Contrast Check

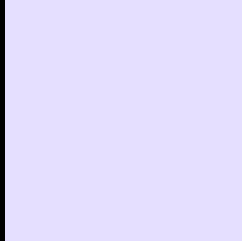
Large Text (above 18pt) WCAG AA × Fail

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 76.7508, 76.6534, 105.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

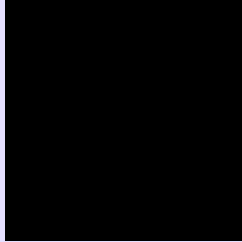
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7508, 76.6534, 105.3581

Background



This preview shows how black text looks on a background with the XYZ color 76.7508, 76.6534, 105.3581.

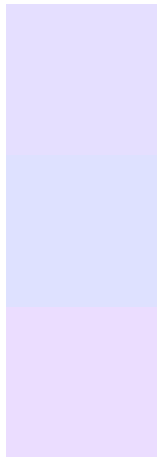


This preview shows how white text looks on a background with the XYZ color 76.7508, 76.6534,

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

76.7508, 76.6534, 105.3581

Protanopia

75.0994, 76.6000, 105.4349

Deuteranopia

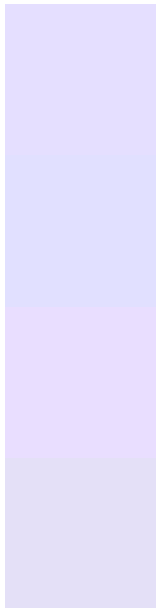
78.1674, 76.5951, 105.2722



Tritanopia

74.7814, 76.6524, 95.6480

Trichromacy



Original Color

76.7508, 76.6534, 105.3581

Protanomaly

75.7570, 76.5389, 105.3884

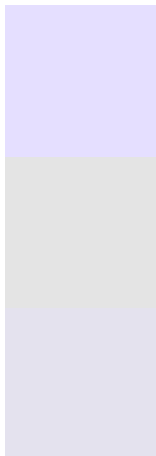
Deuteranomaly

77.7755, 76.7862, 105.3297

Tritanomaly

75.4391, 76.5207, 98.7896

Monochromacy



Original Color

76.7508, 76.6534, 105.3581

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.6239, 77.0597, 91.8298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7508, 76.6534, 105.3581 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(229, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.7508, 76.6534, 105.3581 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(229, 223, 255) }
```


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

```
.border{ border-color:rgb(229, 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(229, 223, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7508, 76.6534, 105.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 255) }
```

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

```
.background{ background-color: rgb(229,  
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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