

Converting Colors

XYZ(76.9691, 70.3643,
126.6156)

Have a look what the booklet for
XYZ(76.9691, 70.3643, 126.6156)
contains.

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Color

**XYZ(72.6759, 68.5037,
103.9998)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CFFF
RGB	229, 207, 255
RGB Percent	90%, 81%, 100%
CMY	0.1020, 0.1882, 0.0000
CMYK	0.10, 0.19, 0.00, 0.00
HSL	267°, 100%, 91%
HSV	267°, 19%, 100%
XYZ	72.6759, 68.5037, 103.9998
YIQ	219.0500, -2.2960, 19.5920

Conversions

Conversions Part 2

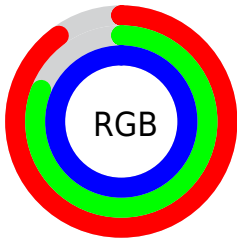
Format	Color
R _Y B	229, 207, 255
Decimal	15060991
CIE Lab	86.26, 16.45, -20.66
CIE LCh	86, 26.407, 308.529
Yxy	68.5037, 0.2964, 0.2794
Android (android.graphics.Color)	4293251071 (0xFFE5CFFF)
YUV	219.0500, 17.7234, 8.7262
Hunter-Lab	82.7670, 11.8949, -16.5632

Details

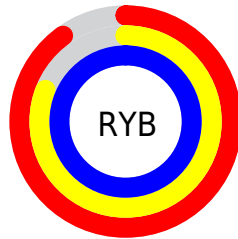
The XYZ color **72.6759, 68.5037, 103.9998** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.6284, 93.3494, 72.8035**, and the grayscale version is **67.2505, 70.7527, 77.0497**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8179, 35.7439, 58.2794** is the 20% darker color. If you saturate the color by 10%, you get **62.7567, 54.9493, 101.9064**, and if you desaturate by 10%, it is **83.9473, 84.2398, 106.4432**.

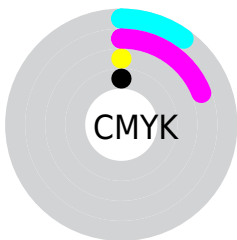
Distribution



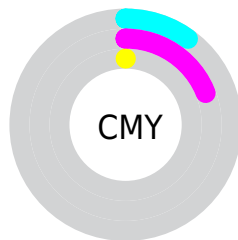
- Red (90%)
- Green (81%)
- Blue (100%)



- Red (90%)
- Yellow (81%)
- Blue (100%)



- Cyan (10%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6759, 68.5037, 103.9998 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 72.6759, 68.5037, 103.9998 by changing the saturation by 10% instead.

72.6759, 68.5037,
103.9998

72.6759, 68.5037,
103.9998

459.0120,
455.2786, 594.2975

53.9984, 50.3076,
79.0097

122.0226,
117.0724, 168.7427

38.8311, 35.6579,
58.3824

153.4226,
148.2139, 209.3326

26.8085, 24.1701,
41.6994

189.7940,
184.4392, 255.9594

17.5653, 15.4598,
28.5422

231.5024,
226.1329, 309.0418

10.7361, 9.1427,
18.4922

278.9130,
273.6793, 368.9983

5.9557, 4.8344,
11.1308

332.3913,

2.8585, 2.1504,

327.4628, 436.2474

6.0396

392.3025,
387.8677, 511.2076

■ 1.0794, 0.6928,
2.8000

■ 0.0078, 0.0000,
0.9934

■ 72.6759, 68.5037,
103.9998

■ 72.6759, 68.5037,
103.9998

■ 62.7567, 54.9493,
101.9064

■ 83.9473, 84.2398,
106.4432

■ 54.1280, 43.4684,
100.1451

95.0500, 100.0000,
108.9000

■ 46.7316, 33.9560,
98.6989

■ 40.5021, 26.2942,
97.5483

■ 35.3673, 20.3523,
96.6721

■ 31.2456, 15.9812,
96.0456

■ 28.0419, 13.0054,
95.6401

■ 25.6217, 11.1718,
95.4137

■ 25.3688, 10.9930,
95.3925

Harmonies

Analogous

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



66.8619, 68.5037, 112.8856



72.6759, 68.5037, 103.9998



76.6197, 68.5037, 87.5413

Triad

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



72.6759, 68.5037, 103.9998



69.4888, 68.5037, 47.5446



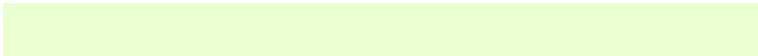
54.2096, 68.5037, 79.6710

Complementary

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



72.6759, 68.5037, 103.9998



80.6284, 93.3494, 72.8035

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.



54.8161, 68.5037, 62.9816



72.6759, 68.5037, 103.9998



63.3904, 68.5037, 46.1111

Square

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



72.6759, 68.5037, 103.9998



74.7014, 68.5037, 55.5988



58.0896, 68.5037, 51.3221



56.3782, 68.5037, 97.4746

Rectangle

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



72.6759, 68.5037, 103.9998



77.5242, 68.5037, 75.4524



58.0896, 68.5037, 51.3221



54.0986, 68.5037, 73.7320

Sweetspot

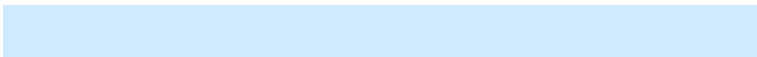
The Sweet Spot groups the original color and five complimentary colors.



72.6778, 68.5065, 104.0003



87.3782, 89.0856, 107.1976



73.0365, 78.9920, 106.0053



18.5304, 18.8244, 22.9068



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.



72.6778, 68.5065, 104.0003



68.3714, 62.5825, 103.0838



80.7267, 72.6559, 104.3770



17.7940, 17.7855, 22.7451



13.4232, 5.8304, 49.8525



1.4312, 0.6317, 4.8598

Inverse Universe

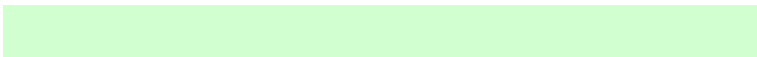
The Inverse Universe completely reimagines the original color for something new.



78.2625, 71.7715, 86.8216



75.0792, 66.5060, 82.3658



73.4323, 89.6397, 72.4667



18.4209, 18.1517, 20.8337



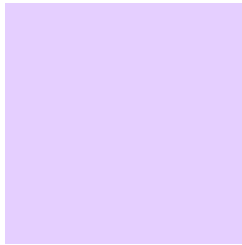
24.0270, 12.1001, 14.0588



2.3946, 1.2002, 1.6594

Previews

White Background



This preview shows how the XYZ color 72.6759, 68.5037, 103.9998 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 72.6759, 68.5037, 103.9998 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 72.6759, 68.5037, 103.9998

Background



This preview shows how black text looks on a background with the XYZ color 72.6759, 68.5037, 103.9998.

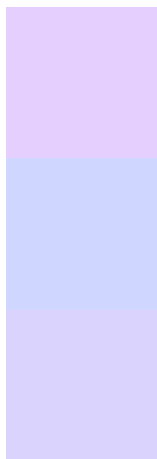


This preview shows how white text looks on a background with the XYZ color 72.6759, 68.5037,

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

72.6759, 68.5037, 103.9998

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

70.0971, 68.6497, 103.3221



Tritanopia

68.5984, 68.6960, 83.0429

Trichromacy



Original Color

72.6759, 68.5037, 103.9998

Protanomaly

69.3686, 68.2556, 104.1263

Deuteranomaly

71.0602, 68.7785, 103.2962

Tritanomaly

69.8432, 68.4350, 90.4171

Monochromacy



Original Color

72.6759, 68.5037, 103.9998

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.2974, 70.1150, 86.2251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6759, 68.5037, 103.9998 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, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 207, 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, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.6759, 68.5037, 103.9998 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, 207, 255) }
```


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

```
.border{ border-color:rgb(229, 207, 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, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6759, 68.5037, 103.9998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 207, 255) }
```

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

```
.background{ background-color: rgb(229,  
207, 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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