

Converting Colors

XYZ(76.0097, 72.2513,
104.5475)

Have a look what the booklet for
XYZ(76.0097, 72.2513, 104.5475)
contains.

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Color

**XYZ(76.1052, 72.4707,
104.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD5FF
RGB	235, 213, 255
RGB Percent	92%, 84%, 100%
CMY	0.0784, 0.1647, 0.0000
CMYK	0.08, 0.16, 0.00, 0.00
HSL	271°, 100%, 92%
HSV	271°, 16%, 100%
XYZ	76.1052, 72.4707, 104.5848
YIQ	224.3660, -0.3700, 17.7260

Conversions

Conversions Part 2

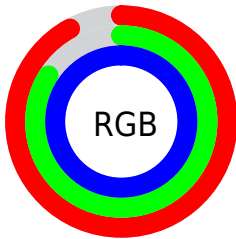
Format	Color
R _{YB}	235, 213, 255
Decimal	15455743
CIE _{Lab}	88.19, 15.18, -17.69
CIE _{LCh}	88, 23.309, 310.641
Y _{xy}	72.4707, 0.3006, 0.2863
Android (android.graphics.Color)	4293645823 (0xFFEBD5FF)
YUV	224.3660, 15.1026, 9.3260
Hunter-Lab	85.1297, 10.6004, -13.2490

Details

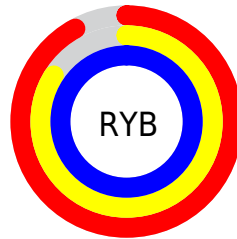
The XYZ color **76.1052, 72.4707, 104.5848** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.3763, 93.6486, 76.7413**, and the grayscale version is **71.0106, 74.7087, 81.3578**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0103, 38.1146, 58.6215** is the 20% darker color. If you saturate the color by 10%, you get **66.3156, 58.6410, 102.4314**, and if you desaturate by 10%, it is **87.1809, 88.4643, 107.0881**.

Distribution



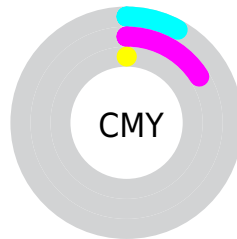
- Red (92%)
- Green (84%)
- Blue (100%)



- Red (92%)
- Yellow (84%)
- Blue (100%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1052, 72.4707, 104.5848 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 76.1052, 72.4707, 104.5848 by changing the saturation by 10% instead.

76.1052, 72.4707,
104.5848

76.1052, 72.4707,
104.5848

470.6466,
469.1783, 596.1658

56.8161, 53.5433,
79.4968

126.8552,
122.7255, 169.5502

41.0972, 38.2366,
58.7807

159.0468,
154.8217, 210.2648

28.5830, 26.1664,
42.0177

196.2699,
192.0762, 257.0253

18.9083, 16.9482,
28.7895

238.8900,
234.8735, 310.2503

11.7077, 10.1975,
18.6774

287.2724,
283.5980, 370.3583

6.6157, 5.5301,
11.2630

341.7823,

3.2671, 2.5615,

338.6340, 437.7678

6.1276

402.7853,
400.3660, 512.8975

■ 1.2966, 0.9074,
2.8528

■ 0.1806, 0.0000,
1.0200

■ 76.1052, 72.4707,
104.5848

■ 76.1052, 72.4707,
104.5848

■ 66.3156, 58.6410,
102.4314

■ 87.1809, 88.4643,
107.0881

■ 57.7538, 46.8694,
100.6105

95.0500, 100.0000,
108.9000

■ 50.3654, 37.0547,
99.1055

■ 44.0892, 29.0830,
97.8976

■ 38.8578, 22.8284,
96.9660

■ 34.5955, 18.1486,
96.2874

■ 31.2142, 14.8772,
95.8341

■ 28.6052, 12.8065,
95.5720

■ 27.8128, 12.2529,
95.5069

Harmonies

Analogous

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



70.8806, 72.4707, 113.1079



76.1052, 72.4707, 104.5848



79.5031, 72.4707, 89.5340

Triad

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



76.1052, 72.4707, 104.5848



72.4978, 72.4707, 53.3326



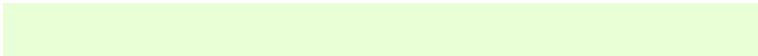
58.8694, 72.4707, 84.7168

Complementary

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



76.1052, 72.4707, 104.5848



81.3763, 93.6486, 76.7413

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.



59.2502, 72.4707, 69.1583



76.1052, 72.4707, 104.5848



66.9198, 72.4707, 52.4074

Square

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



76.1052, 72.4707, 104.5848



77.3439, 72.4707, 60.5462



62.1295, 72.4707, 57.8210



61.0595, 72.4707, 100.6515

Rectangle

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



76.1052, 72.4707, 104.5848



80.1714, 72.4707, 78.5652



62.1295, 72.4707, 57.8210



58.7041, 72.4707, 79.2524

Sweetspot

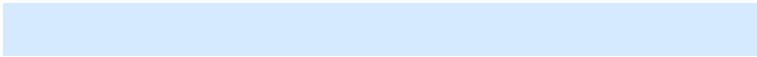
The Sweet Spot groups the original color and five complimentary colors.



76.1072, 72.4737, 104.5853



88.9180, 90.9998, 107.4860



74.7168, 79.8163, 106.0758



18.8534, 19.2167, 22.9655



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.



76.1072, 72.4737, 104.5853



72.5055, 67.3470, 103.7856



82.9731, 76.0262, 104.3195



17.9110, 17.8459, 22.7505



14.7065, 6.4920, 49.9125



1.5581, 0.6972, 4.8657

Inverse Universe

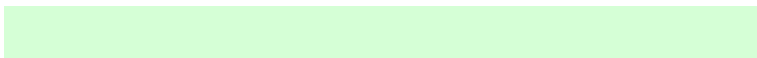
The Inverse Universe completely reimagines the original color for something new.



79.7441, 74.7346, 87.3156



76.8763, 70.0631, 83.0791



75.3021, 90.5069, 76.9219



18.3696, 18.1311, 20.5633



23.4403, 11.8654, 10.9691



2.3371, 1.1772, 1.3564

Previews

White Background



This preview shows how the XYZ color 76.1052, 72.4707, 104.5848 looks on a white background.

Color Contrast Check

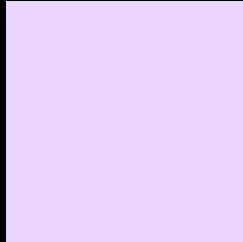
Large Text (above 18pt) WCAG AA × Fail

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 76.1052, 72.4707, 104.5848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

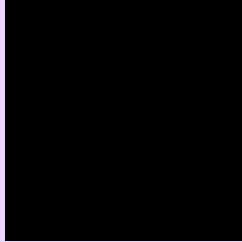
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1052, 72.4707, 104.5848

Background



This preview shows how black text looks on a background with the XYZ color 76.1052, 72.4707, 104.5848.

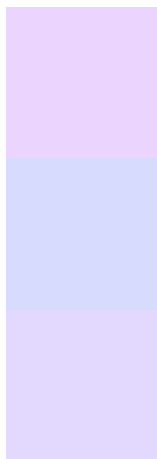


This preview shows how white text looks on a background with the XYZ color 76.1052, 72.4707,

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

76.1052, 72.4707, 104.5848

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.1238, 72.5984, 103.8721



Tritanopia

72.9428, 72.7220, 88.0342

Trichromacy



Original Color

76.1052, 72.4707, 104.5848

Protanomaly

72.9871, 72.3753, 104.7307

Deuteranomaly

74.8230, 72.5796, 103.8316

Tritanomaly

74.1872, 72.8462, 94.1550

Monochromacy



Original Color

76.1052, 72.4707, 104.5848

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.5835, 73.6785, 88.9931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1052, 72.4707, 104.5848 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(235, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 213, 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(235, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.1052, 72.4707, 104.5848 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(235, 213, 255) }
```


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

```
.border{ border-color:rgb(235, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1052, 72.4707, 104.5848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 213, 255) }
```

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

```
.background{ background-color: rgb(235,  
213, 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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