

Converting Colors

XYZ(76.5356, 73.1998,
104.7029)

Have a look what the booklet for
XYZ(76.5356, 73.1998, 104.7029)
contains.

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Color

**XYZ(76.3575, 72.9753,
104.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD6FF
RGB	235, 214, 255
RGB Percent	92%, 84%, 100%
CMY	0.0784, 0.1608, 0.0000
CMYK	0.08, 0.16, 0.00, 0.00
HSL	271°, 100%, 92%
HSV	271°, 16%, 100%
XYZ	76.3575, 72.9753, 104.6689
YIQ	224.9530, -0.6450, 17.2030

Conversions

Conversions Part 2

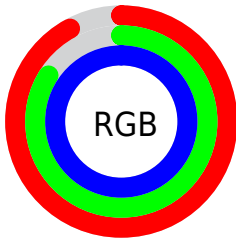
Format	Color
R _Y B	235, 214, 255
Decimal	15455999
CIE Lab	88.44, 14.65, -17.32
CIE LCh	88, 22.690, 310.227
Yxy	72.9753, 0.3006, 0.2873
Android (android.graphics.Color)	4293646079 (0xFFEBD6FF)
YUV	224.9530, 14.8132, 8.8112
Hunter-Lab	85.4256, 10.0571, -12.8480

Details

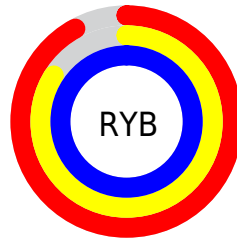
The XYZ color **76.3575, 72.9753, 104.6689** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.8310, 93.8683, 77.4273**, and the grayscale version is **71.4334, 75.1535, 81.8421**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1816, 38.4572, 58.6786** is the 20% darker color. If you saturate the color by 10%, you get **66.4382, 59.0213, 102.4983**, and if you desaturate by 10%, it is **87.5783, 89.1038, 107.1906**.

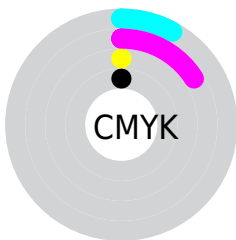
Distribution



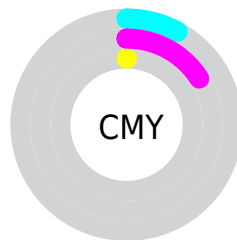
- Red (92%)
- Green (84%)
- Blue (100%)



- 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 76.3575, 72.9753, 104.6689 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 76.3575, 72.9753, 104.6689 by changing the saturation by 10% instead.

76.3575, 72.9753,
104.6689

76.3575, 72.9753,
104.6689

471.4962,
470.9292, 596.4342

57.0238, 53.9558,
79.5669

127.2098,
123.4421, 169.6663

41.2646, 38.5663,
58.8379

159.4591,
155.6582, 210.3987

28.7144, 26.4225,
42.0635

196.7443,
193.0420, 257.1784

19.0081, 17.1400,
28.8251

239.4307,
235.9778, 310.4239

11.7802, 10.3343,
18.7041

287.8838,
284.8500, 370.5536

6.6653, 5.6212,
11.2820

342.4688,

3.2981, 2.6161,

340.0430, 437.9862

6.1403

403.5512,
401.9413, 513.1402

■ 1.3133, 0.9348,
2.8604

■ 0.1932, 0.0000,
1.0238

■ 76.3575, 72.9753,
104.6689

■ 76.3575, 72.9753,
104.6689

■ 66.4382, 59.0213,
102.4983

■ 87.5783, 89.1038,
107.1906

■ 57.7616, 47.1360,
100.6615

95.0500, 100.0000,
108.9000

■ 50.2731, 37.2182,
99.1419

■ 43.9114, 29.1542,
97.9207

■ 38.6088, 22.8186,
96.9773

■ 34.2894, 18.0694,
96.2882

■ 30.8654, 14.7410,
95.8263

■ 28.2288, 12.6286,
95.5575

■ 27.3492, 12.0139,
95.4852

Harmonies

Analogous

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



71.2399, 72.9753, 112.8364



76.3575, 72.9753, 104.6689



79.7066, 72.9753, 90.0586

Triad

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



76.3575, 72.9753, 104.6689



72.9698, 72.9753, 54.4098



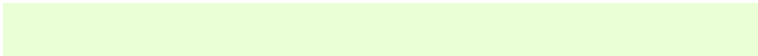
59.5425, 72.9753, 84.9115

Complementary

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



76.3575, 72.9753, 104.6689



81.8310, 93.8683, 77.4273

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.



59.9514, 72.9753, 69.7231



76.3575, 72.9753, 104.6689



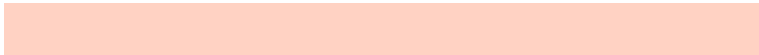
67.5151, 72.9753, 53.4109

Square

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



76.3575, 72.9753, 104.6689



77.6808, 72.9753, 61.5941



62.8052, 72.9753, 58.6595



61.6572, 72.9753, 100.4789

Rectangle

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



76.3575, 72.9753, 104.6689



80.3869, 72.9753, 79.3385



62.8052, 72.9753, 58.6595



59.3921, 72.9753, 79.5770

Sweetspot

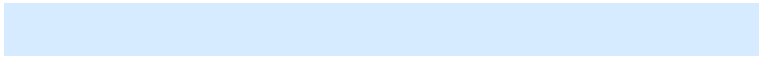
The Sweet Spot groups the original color and five complimentary colors.



76.3595, 72.9783, 104.6694



88.8652, 90.9726, 107.4835



75.3492, 80.6492, 106.2033



18.8406, 19.2101, 22.9649



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.



76.3595, 72.9783, 104.6694



73.3269, 68.6777, 103.9991



83.3379, 76.5758, 104.9960



17.8902, 17.8351, 22.7496



14.4636, 6.3667, 49.9012



1.5344, 0.6849, 4.8646

Inverse Universe

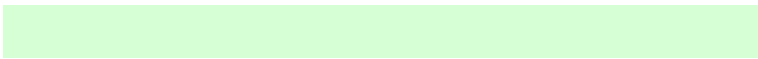
The Inverse Universe completely reimagines the original color for something new.



80.1397, 75.2965, 88.1542



77.7529, 71.3915, 84.6810



75.6314, 90.6722, 77.1372



18.3787, 18.1348, 20.6111



23.5377, 11.9044, 11.4819



2.3468, 1.1811, 1.4074

Previews

White Background



This preview shows how the XYZ color 76.3575, 72.9753, 104.6689 looks on a white background.

Color Contrast Check

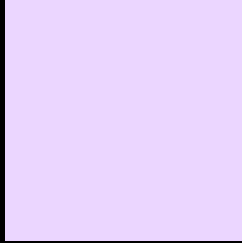
Large Text (above 18pt) WCAG AA × Fail

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 76.3575, 72.9753, 104.6689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

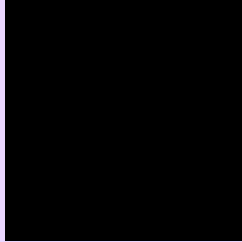
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3575, 72.9753, 104.6689

Background



This preview shows how black text looks on a background with the XYZ color 76.3575, 72.9753, 104.6689.

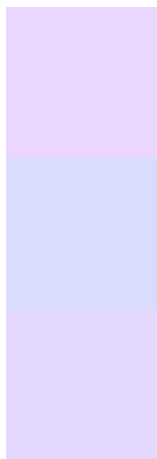


This preview shows how white text looks on a background with the XYZ color 76.3575, 72.9753,

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

76.3575, 72.9753, 104.6689

Protanopia

71.9621, 73.0053, 104.9064

Deuteranopia

74.6008, 72.8257, 104.7326



Tritanopia

73.3455, 73.2968, 88.8792

Trichromacy



Original Color

76.3575, 72.9753, 104.6689

Protanomaly

73.5528, 73.0508, 104.8313

Deuteranomaly

75.3054, 72.8098, 104.6924

Tritanomaly

74.4441, 73.3602, 94.2407

Monochromacy



Original Color

76.3575, 72.9753, 104.6689

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.3099, 74.4270, 89.8589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3575, 72.9753, 104.6689 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, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 214, 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, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.3575, 72.9753, 104.6689 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, 214, 255) }
```


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

```
.border{ border-color:rgb(235, 214, 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, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3575, 72.9753, 104.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 214, 255) }
```

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

```
.background{ background-color: rgb(235,  
214, 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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