

Converting Colors

XYZ(72.6331, 66.1668,
102.3659)

Have a look what the booklet for
XYZ(72.6331, 66.1668, 102.3659)
contains.

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Color

**XYZ(72.4754, 65.9567,
102.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC8FE
RGB	234, 200, 254
RGB Percent	92%, 78%, 100%
CMY	0.0823, 0.2157, 0.0039
CMYK	0.08, 0.21, 0.00, 0.00
HSL	278°, 96%, 89%
HSV	278°, 21%, 100%
XYZ	72.4754, 65.9567, 102.6770
YIQ	216.3220, 2.9300, 24.0020

Conversions

Conversions Part 2

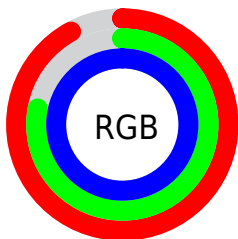
Format	Color
R_{YB}	234, 200, 254
Decimal	15386878
CIE _{Lab}	84.97, 21.56, -22.03
CIE _{LCh}	85, 30.826, 314.380
Yxy	65.9567, 0.3006, 0.2736
Android (android.graphics.Color)	4293576958 (0xFFEAC8FE)
YUV	216.3220, 18.5753, 15.5036
Hunter-Lab	81.2137, 17.1700, -18.1096

Details

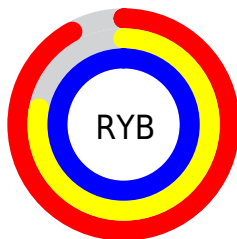
The XYZ color **72.4754, 65.9567, 102.6770** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.3845, 90.2710, 68.0975**, and the grayscale version is **65.3674, 68.7716, 74.8922**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7170, 34.0540, 57.3558** is the 20% darker color. If you saturate the color by 10%, you get **64.0679, 53.6047, 100.7370**, and if you desaturate by 10%, it is **82.0282, 80.3533, 104.9533**.

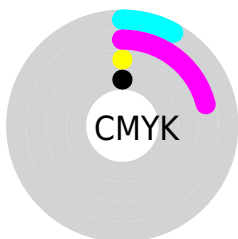
Distribution



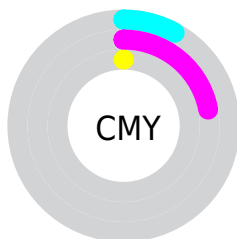
- Red (92%)
- Green (78%)
- Blue (100%)



- Red (92%)
- Yellow (78%)
- Blue (100%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4754, 65.9567, 102.6770 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 72.4754, 65.9567, 102.6770 by changing the saturation by 10% instead.

72.4754, 65.9567,
102.6770

72.4754, 65.9567,
102.6770

458.3266,
446.2220, 590.0615

53.8340, 48.2373,
77.9088

121.7393,
113.4242, 166.9150

38.6991, 34.0148,
57.4830

153.0925,
143.9410, 207.2219

26.7054, 22.9050,
40.9812

189.4137,
179.4924, 253.5454

17.4875, 14.5234,
27.9848

231.0682,
220.4628, 306.3041

10.6801, 8.4856,
18.0753

278.4214,
267.2366, 365.9166

5.9179, 4.4072,
10.8341

331.8386,

2.8354, 1.9038,

320.1981, 432.8012

5.8426

391.6852,
379.7318, 507.3767

■ 1.0673, 0.5507,
2.6824

■ 0.0000, 0.0000,
0.9345

■ 72.4754, 65.9567,
102.6770

■ 72.4754, 65.9567,
102.6770

■ 64.0679, 53.6047,
100.7370

■ 82.0282, 80.3533,
104.9533

■ 56.7488, 43.1910,
99.1127

■ 92.7675, 96.8770,
107.5767

■ 50.4652, 34.6125,
97.7880

■ 94.8896, 99.9358,
108.0553

■ 45.1570, 27.7528,
96.7437

■ 40.7572, 22.4818,
95.9582

■ 37.1889, 18.6501,
95.4067

■ 34.3606, 16.0787,
95.0595

■ 32.3718, 14.6217,
94.8831

Harmonies

Analogous

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



66.0565, 65.9567, 115.4694



72.4754, 65.9567, 102.6770



76.4132, 65.9567, 82.5848

Triad

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



72.4754, 65.9567, 102.6770



66.3453, 65.9567, 40.9851



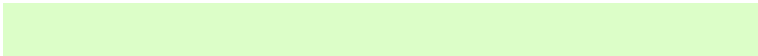
50.6519, 65.9567, 81.7126

Complementary

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



72.4754, 65.9567, 102.6770



75.3845, 90.2710, 68.0975

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.



50.7166, 65.9567, 62.0259



72.4754, 65.9567, 102.6770



59.4396, 65.9567, 40.8382

Square

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



72.4754, 65.9567, 102.6770



72.7002, 65.9567, 48.3020



53.8273, 65.9567, 47.8552



53.6434, 65.9567, 101.9378

Rectangle

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



72.4754, 65.9567, 102.6770



76.9313, 65.9567, 68.9415



53.8273, 65.9567, 47.8552



50.3243, 65.9567, 74.7686

Sweetspot

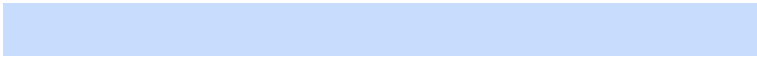
The Sweet Spot groups the original color and five complimentary colors.



72.4774, 65.9595, 102.6784



88.3077, 89.5647, 107.2411



67.4886, 70.9924, 103.9128



18.7501, 18.9377, 22.9170



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.



72.4774, 65.9595, 102.6784



68.9589, 60.3828, 102.6283



78.4259, 69.1407, 97.7765



18.1023, 17.9445, 22.7595



17.2350, 7.7954, 50.0309



1.7988, 0.8212, 4.8770

Inverse Universe

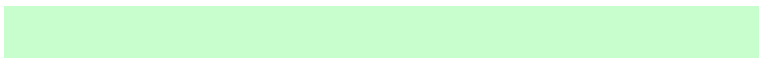
The Inverse Universe completely reimagines the original color for something new.



74.4477, 67.5494, 76.8274



71.4159, 62.3434, 71.3907



70.4406, 87.6355, 71.7894



18.2875, 18.0983, 20.1313



22.6808, 11.5616, 6.9696



2.2590, 1.1460, 0.9452

Previews

White Background



This preview shows how the XYZ color 72.4754, 65.9567, 102.6770 looks on a white background.

Color Contrast Check

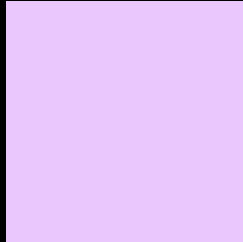
Large Text (above 18pt) WCAG AA × Fail

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 72.4754, 65.9567, 102.6770 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 72.4754, 65.9567, 102.6770

Background



This preview shows how black text looks on a background with the XYZ color 72.4754, 65.9567, 102.6770.

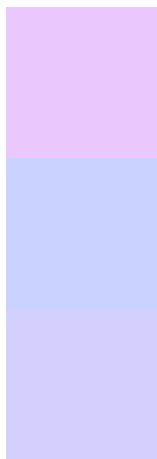


This preview shows how white text looks on a background with the XYZ color 72.4754, 65.9567,

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

72.4754, 65.9567, 102.6770

Protanopia

65.7014, 66.3651, 103.9546

Deuteranopia

67.4830, 65.8636, 102.0847



Tritanopia

67.5692, 66.0746, 78.2996

Trichromacy



Original Color

72.4754, 65.9567, 102.6770

Protanomaly

68.0944, 66.1418, 103.7854

Deuteranomaly

69.1413, 65.6497, 101.9560

Tritanomaly

69.3991, 66.1152, 86.9457

Monochromacy



Original Color

72.4754, 65.9567, 102.6770

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.7609, 67.4943, 84.3192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4754, 65.9567, 102.6770 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(234, 200, 254)` looks like.

```
.text, #text, p{  
    color:rgb(234, 200, 254)  
}
```

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(234, 200, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 200, 254) }
```

Border

The CSS property to change the border of an element to XYZ 72.4754, 65.9567, 102.6770 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(234, 200, 254) }
```


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

```
.border{ border-color:rgb(234, 200, 254) }
```

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

Here you see how a box with a 4 pixel rgb(234, 200, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 200, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 200, 254);  
box-shadow:4px 4px 4px 4px rgb(234, 200,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4754, 65.9567, 102.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 200, 254) }
```

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

```
.background{ background-color: rgb(234,  
200, 254) }
```

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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