

Converting Colors

XYZ(79.4570, 72.8617,
114.5776)

Have a look what the booklet for
XYZ(79.4570, 72.8617, 114.5776)
contains.

XYZ(77.3722, 72.0140, 104.4299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.3722, 72.0140,
104.4299)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D2FF
RGB	241, 210, 255
RGB Percent	95%, 82%, 100%
CMY	0.0549, 0.1764, 0.0000
CMYK	0.05, 0.18, 0.00, 0.00
HSL	281°, 100%, 91%
HSV	281°, 18%, 100%
XYZ	77.3722, 72.0140, 104.4299
YIQ	224.3990, 4.0310, 20.5670

Conversions

Conversions Part 2

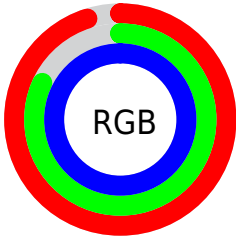
Format	Color
R_{YB}	241, 210, 255
Decimal	15848191
CIE _{Lab}	87.98, 18.69, -17.97
CIE _{LCh}	88, 25.925, 316.128
Yxy	72.0140, 0.3048, 0.2837
Android (android.graphics.Color)	4294038271 (0xFFFF1D2FF)
YUV	224.3990, 15.0863, 14.5591
Hunter-Lab	84.8611, 14.2408, -13.5594

Details

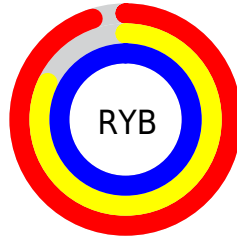
The XYZ color **77.3722, 72.0140, 104.4299** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.1352, 92.0213, 74.6201**, and the grayscale version is **71.0321, 74.7313, 81.3824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9220, 37.8342, 58.5193** is the 20% darker color. If you saturate the color by 10%, you get **68.9223, 59.0465, 102.3723**, and if you desaturate by 10%, it is **86.9471, 87.0544, 106.8283**.

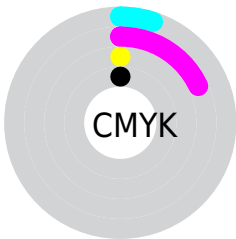
Distribution



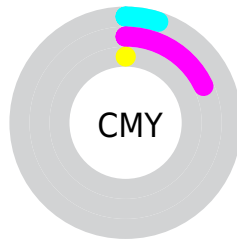
- Red (95%)
- Green (82%)
- Blue (100%)



- Red (95%)
- Yellow (82%)
- Blue (100%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3722, 72.0140, 104.4299 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 77.3722, 72.0140, 104.4299 by changing the saturation by 10% instead.

77.3722, 72.0140,
104.4299

77.3722, 72.0140,
104.4299

474.9046,
467.5903, 595.6714

57.8594, 53.1701,
79.3678

128.6348,
122.0764, 169.3364

41.9384, 37.9386,
58.6752

161.1153,
154.0638, 210.0180

29.2440, 25.9350,
41.9334

198.6491,
191.2010, 256.7431

19.4107, 16.7750,
28.7240

241.6015,
233.8727, 309.9304

12.0732, 10.0742,
18.6283

290.3379,
282.4630, 369.9983

6.8661, 5.4482,
11.2279

345.2237,

3.4241, 2.5126,

337.3565, 437.3654

6.1043

406.6241,
398.9374, 512.4503

■ 1.3818, 0.8829,
2.8388

■ 0.2432, 0.0000,
1.0129

■ 77.3722, 72.0140,
104.4299

■ 77.3722, 72.0140,
104.4299

■ 68.9223, 59.0465,
102.3723

■ 86.9471, 87.0544,
106.8283

■ 61.5426, 48.0474,
100.6382

95.0500, 100.0000,
108.9000

■ 55.1822, 38.9165,
99.2110

■ 49.7837, 31.5408,
98.0718

■ 45.2832, 25.7951,
97.2000

■ 41.6083, 21.5371,
96.5718

■ 38.6741, 18.5992,
96.1594

■ 36.3688, 16.7605,
95.9260

■ 35.8792, 16.4113,
95.8844

Harmonies

Analogous

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



71.8000, 72.0140, 115.8415



77.3722, 72.0140, 104.4299



80.6389, 72.0140, 86.8534

Triad

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



77.3722, 72.0140, 104.4299



71.3348, 72.0140, 49.8043



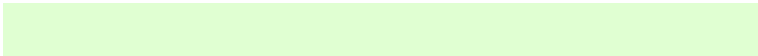
57.6586, 72.0140, 88.2455

Complementary

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



77.3722, 72.0140, 104.4299



78.1352, 92.0213, 74.6201

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.



57.5507, 72.0140, 70.5343



77.3722, 72.0140, 104.4299



65.2003, 72.0140, 50.0608

Square

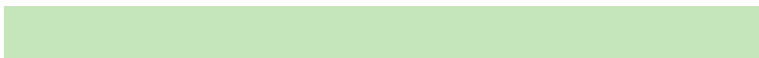
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3722, 72.0140, 104.4299



77.0140, 72.0140, 56.3550



60.2363, 72.0140, 57.1182



60.5404, 72.0140, 105.5803

Rectangle

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



77.3722, 72.0140, 104.4299



80.9500, 72.0140, 74.8354



60.2363, 72.0140, 57.1182



57.3029, 72.0140, 82.0987

Sweetspot

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



77.3742, 72.0170, 104.4304



89.6723, 91.3886, 107.5213



71.3538, 74.3703, 105.2019



19.0369, 19.3113, 22.9740



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.



77.3742, 72.0170, 104.4304



74.4159, 67.4395, 103.7027



81.0380, 74.0559, 97.8174



18.2106, 18.0003, 22.7646



18.9082, 8.6580, 50.1092



1.9534, 0.9010, 4.8842

Inverse Universe

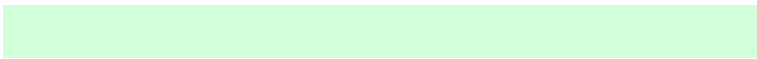
The Inverse Universe completely reimagines the original color for something new.



77.7430, 72.7379, 80.4660



74.9010, 68.3111, 75.6428



75.0281, 90.2977, 79.9792



18.2421, 18.0802, 19.8920



22.3512, 11.4298, 5.2341



2.2229, 1.1315, 0.7553

Previews

White Background



This preview shows how the XYZ color 77.3722, 72.0140, 104.4299 looks on a white background.

Color Contrast Check

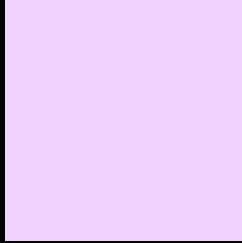
Large Text (above 18pt) WCAG AA × Fail

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 77.3722, 72.0140, 104.4299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

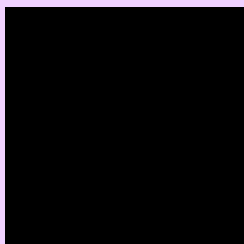
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3722, 72.0140, 104.4299

Background



This preview shows how black text looks on a background with the XYZ color 77.3722, 72.0140, 104.4299.

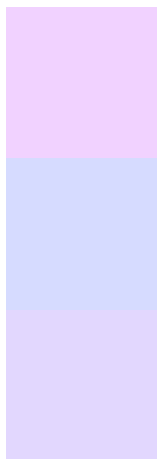


This preview shows how white text looks on a background with the XYZ color 77.3722, 72.0140,

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

77.3722, 72.0140, 104.4299

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

73.5539, 71.9254, 103.7722



Tritanopia

73.3954, 71.8672, 85.6047

Trichromacy



Original Color

77.3722, 72.0140, 104.4299

Protanomaly

73.3463, 72.1790, 104.6739

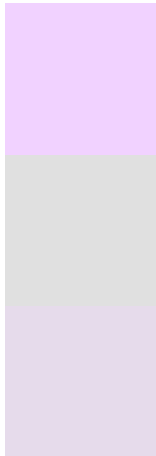
Deuteranomaly

74.6386, 71.7332, 103.6779

Tritanomaly

74.7823, 72.0569, 92.4050

Monochromacy



Original Color

77.3722, 72.0140, 104.4299

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.9600, 73.4842, 88.9357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3722, 72.0140, 104.4299 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(241, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 210, 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(241, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.3722, 72.0140, 104.4299 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(241, 210, 255) }
```


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

```
.border{ border-color:rgb(241, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3722, 72.0140, 104.4299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 210, 255) }
```

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

```
.background{ background-color: rgb(241,  
210, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor