

Converting Colors

XYZ(72.3693, 69.5960,
104.2268)

Have a look what the booklet for
XYZ(72.3693, 69.5960, 104.2268)
contains.

XYZ(72.1479, 69.3207, 104.1854)	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(72.1479, 69.3207,
104.1854)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D2FF
RGB	225, 210, 255
RGB Percent	88%, 82%, 100%
CMY	0.1176, 0.1765, 0.0000
CMYK	0.12, 0.18, 0.00, 0.00
HSL	260°, 100%, 91%
HSV	260°, 18%, 100%
XYZ	72.1479, 69.3207, 104.1854
YIQ	219.6150, -5.5050, 17.1750

Conversions

Conversions Part 2

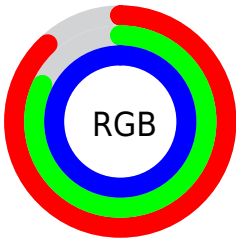
Format	Color
R _Y B	225, 210, 255
Decimal	14799615
CIE Lab	86.66, 13.59, -20.08
CIE LCh	87, 24.246, 304.102
Yxy	69.3207, 0.2937, 0.2822
Android (android.graphics.Color)	4292989695 (0xFFE1D2FF)
YUV	219.6150, 17.4448, 4.7226
Hunter-Lab	83.2591, 8.9753, -15.9106

Details

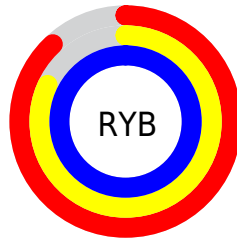
The XYZ color **72.1479, 69.3207, 104.1854** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.3296, 94.6991, 74.8628**, and the grayscale version is **67.6461, 71.1689, 77.5030**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4437, 36.2892, 58.4044** is the 20% darker color. If you saturate the color by 10%, you get **61.3084, 55.1213, 102.0159**, and if you desaturate by 10%, it is **84.5220, 85.8039, 106.7148**.

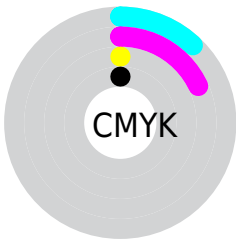
Distribution



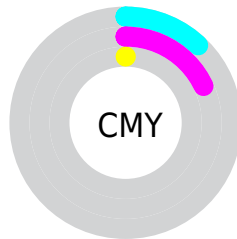
- Red (88%)
- Green (82%)
- Blue (100%)



- Red (88%)
- Yellow (82%)
- Blue (100%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1479, 69.3207, 104.1854 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 72.1479, 69.3207, 104.1854 by changing the saturation by 10% instead.

72.1479, 69.3207,
104.1854

72.1479, 69.3207,
104.1854

457.2059,
458.1612, 594.8906

53.5654, 50.9729,
79.1642

121.2764,
118.2395, 168.9989

38.4836, 36.1871,
58.5087

152.5532,
149.5794, 209.6284

26.5372, 24.5787,
41.8004

188.7921,
186.0187, 256.2977

17.3607, 15.7635,
28.6206

230.3585,
227.9419, 309.4253

10.5889, 9.3569,
18.5509

277.6177,
275.7333, 369.4299

5.8564, 4.9747,
11.1727

330.9351,

2.7978, 2.2324,

329.7774, 436.7300

6.0675

390.6760,
390.4586, 511.7440

■ 1.0477, 0.7376,
2.8167

■ 0.0000, 0.0000,
1.0018

■ 72.1479, 69.3207,
104.1854

■ 72.1479, 69.3207,
104.1854

■ 61.3084, 55.1213,
102.0159

■ 84.5220, 85.8039,
106.7148

■ 51.9351, 43.0945,
100.1885

95.0500, 100.0000,
108.9000

■ 43.9625, 33.1324,
98.6859

■ 37.3176, 25.1142,
97.4884

■ 31.9206, 18.9064,
96.5746

■ 27.6815, 14.3576,
95.9201

■ 24.4969, 11.2906,
95.4959

■ 22.2347, 9.4741,
95.2645

■ 21.7957, 9.1510,
95.2253

Harmonies

Analogous

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



66.6650, 69.3207, 110.8358



72.1479, 69.3207, 104.1854



76.1180, 69.3207, 89.8527

Triad

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



72.1479, 69.3207, 104.1854



70.7317, 69.3207, 50.8732



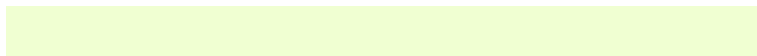
55.6643, 69.3207, 77.7189

Complementary

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



72.1479, 69.3207, 104.1854



83.3296, 94.6991, 74.8628

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.



56.6169, 69.3207, 62.7253



72.1479, 69.3207, 104.1854



65.1156, 69.3207, 48.5751

Square

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



72.1479, 69.3207, 104.1854



75.2683, 69.3207, 59.3895



59.9997, 69.3207, 52.5979



57.3200, 69.3207, 94.2386

Rectangle

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



72.1479, 69.3207, 104.1854



77.2581, 69.3207, 78.7109



59.9997, 69.3207, 52.5979



55.6907, 69.3207, 72.3358

Sweetspot

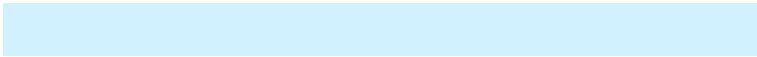
The Sweet Spot groups the original color and five complimentary colors.



72.1498, 69.3235, 104.1858



88.0582, 90.5565, 107.4457



76.0115, 83.6860, 106.7545



18.6447, 19.1091, 22.9557



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.



72.1498, 69.3235, 104.1858



68.3451, 64.3098, 103.4186



79.3678, 73.0445, 104.5236



17.5734, 17.6718, 22.7347



11.5293, 4.8541, 49.7639



1.2329, 0.5295, 4.8505

Inverse Universe

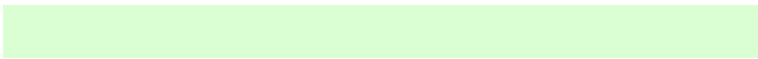
The Inverse Universe completely reimagines the original color for something new.



80.0164, 73.6470, 92.4382



77.5399, 69.3667, 89.5390



76.3829, 91.1180, 74.5377



18.5202, 18.1914, 21.3563



25.4125, 12.6543, 21.3547



2.5251, 1.2524, 2.3465

Previews

White Background



This preview shows how the XYZ color 72.1479, 69.3207, 104.1854 looks on a white background.

Color Contrast Check

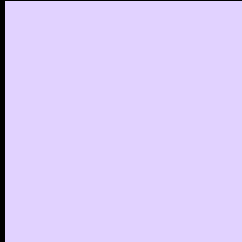
Large Text (above 18pt) WCAG AA × Fail

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 72.1479, 69.3207, 104.1854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

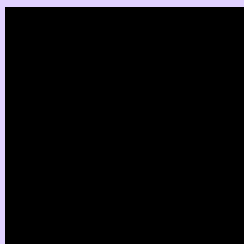
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1479, 69.3207, 104.1854

Background



This preview shows how black text looks on a background with the XYZ color 72.1479, 69.3207, 104.1854.

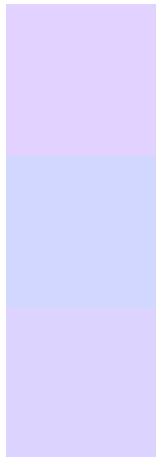


This preview shows how white text looks on a background with the XYZ color 72.1479, 69.3207,

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

72.1479, 69.3207, 104.1854

Protanopia

68.6449, 69.3762, 104.3807

Deuteranopia

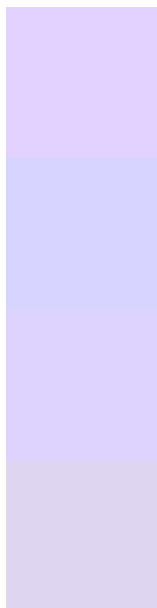
71.1087, 69.5226, 104.2791



Tritanopia

68.2892, 69.2348, 85.3657

Trichromacy



Original Color

72.1479, 69.3207, 104.1854

Protanomaly

69.8686, 69.2556, 104.2929

Deuteranomaly

71.4685, 69.3381, 104.2245

Tritanomaly

69.6466, 69.4094, 92.1647

Monochromacy



Original Color

72.1479, 69.3207, 104.1854

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.3880, 70.5245, 87.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1479, 69.3207, 104.1854 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(225, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.1479, 69.3207, 104.1854 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(225, 210, 255) }
```


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

```
.border{ border-color:rgb(225, 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(225, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1479, 69.3207, 104.1854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 210, 255) }
```

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

```
.background{ background-color: rgb(225,  
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