

Converting Colors

XYZ(74.1021, 69.6704,
104.1499)

Have a look what the booklet for
XYZ(74.1021, 69.6704, 104.1499)
contains.

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Color

**XYZ(74.2101, 69.6554,
104.1413)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D0FF
RGB	233, 208, 255
RGB Percent	91%, 82%, 100%
CMY	0.0863, 0.1843, 0.0000
CMYK	0.09, 0.18, 0.00, 0.00
HSL	272°, 100%, 91%
HSV	272°, 18%, 100%
XYZ	74.2101, 69.6554, 104.1413
YIQ	220.8330, -0.1870, 19.9170

Conversions

Conversions Part 2

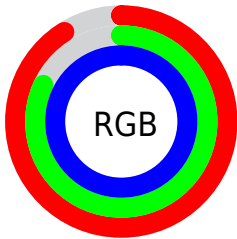
Format	Color
R _Y B	233, 208, 255
Decimal	15323391
CIE Lab	86.83, 17.19, -19.76
CIE LCh	87, 26.193, 311.011
Yxy	69.6554, 0.2992, 0.2809
Android (android.graphics.Color)	4293513471 (0xFFE9D0FF)
YUV	220.8330, 16.8443, 10.6705
Hunter-Lab	83.4598, 12.6625, -15.5603

Details

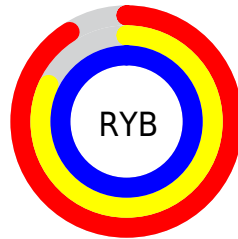
The XYZ color **74.2101, 69.6554, 104.1413** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.7800, 92.8979, 73.4041**, and the grayscale version is **68.4976, 72.0648, 78.4786**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8801, 36.5355, 58.3762** is the 20% darker color. If you saturate the color by 10%, you get **64.7203, 56.2656, 102.0570**, and if you desaturate by 10%, it is **84.9668, 85.1857, 106.5720**.

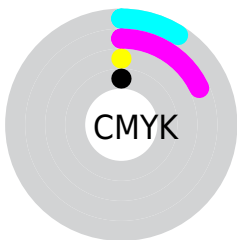
Distribution



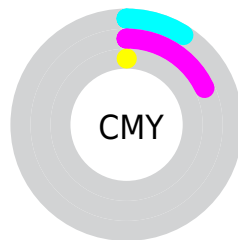
- Red (91%)
- Green (82%)
- Blue (100%)



- Red (91%)
- Yellow (82%)
- Blue (100%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2101, 69.6554, 104.1413 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 74.2101, 69.6554, 104.1413 by changing the saturation by 10% instead.

74.2101, 69.6554,
104.1413

74.2101, 69.6554,
104.1413

464.2373,
459.3391, 594.7497

55.2579, 51.2457,
79.1275

124.1875,
118.7172, 168.9381

39.8429, 36.4041,
58.4787

155.9434,
150.1380, 209.5581

27.5997, 24.7465,
41.7764

192.6979,
186.6647, 256.2173

18.1631, 15.8883,
28.6020

234.8164,
228.6816, 309.3342

11.1675, 9.4451,
18.5369

282.6643,
276.5731, 369.3274

6.2478, 5.0326,
11.1628

336.6068,

3.0384, 2.2664,

330.7236, 436.6153

6.0609

397.0093,
391.5174, 511.6166

■ 1.1741, 0.7559,
2.8127

■ 0.0858, 0.0000,
0.9998

■ 74.2101, 69.6554,
104.1413

■ 74.2101, 69.6554,
104.1413

■ 64.7203, 56.2656,
102.0570

■ 84.9668, 85.1857,
106.5720

■ 56.4388, 44.9098,
100.3016

95.0500, 100.0000,
108.9000

■ 49.3107, 35.4850,
98.8581

■ 43.2739, 27.8753,
97.7074

■ 38.2601, 21.9523,
96.8284

■ 34.1917, 17.5698,
96.1969

■ 30.9779, 14.5553,
95.7845

■ 28.4938, 12.6685,
95.5512

■ 28.1442, 12.4237,
95.5224

Harmonies

Analogous

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



68.4726, 69.6554, 113.8558



74.2101, 69.6554, 104.1413



77.9359, 69.6554, 87.3151

Triad

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



74.2101, 69.6554, 104.1413



70.0985, 69.6554, 48.2907



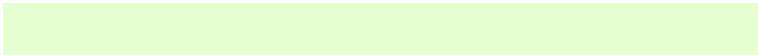
55.3394, 69.6554, 82.4462

Complementary

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



74.2101, 69.6554, 104.1413



79.7800, 92.8979, 73.4041

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.



55.7153, 69.6554, 65.4223



74.2101, 69.6554, 104.1413



63.9887, 69.6554, 47.4003

Square

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



74.2101, 69.6554, 104.1413



75.4631, 69.6554, 55.8538



58.7980, 69.6554, 53.2001



57.7375, 69.6554, 100.1090

Rectangle

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



74.2101, 69.6554, 104.1413



78.6481, 69.6554, 75.2513



58.7980, 69.6554, 53.2001



55.1495, 69.6554, 76.4376

Sweetspot

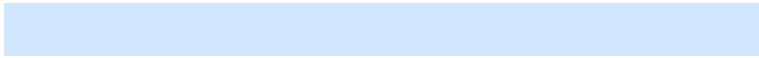
The Sweet Spot groups the original color and five complimentary colors.



74.2120, 69.6583, 104.1417



87.7759, 89.2906, 107.2163



72.5613, 77.6255, 105.7666



18.6244, 18.8728, 22.9112



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.



74.2120, 69.6583, 104.1417



70.6805, 64.6361, 103.3585



81.7213, 73.5440, 103.8363



17.9256, 17.8534, 22.7512



14.8800, 6.5814, 49.9207



1.5750, 0.7059, 4.8665

Inverse Universe

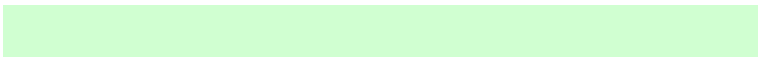
The Inverse Universe completely reimagines the original color for something new.



78.0806, 72.0877, 84.6644



75.2529, 67.5058, 80.4125



73.2564, 89.5236, 73.6032



18.3633, 18.1286, 20.5300



23.3740, 11.8389, 10.6201



2.3305, 1.1746, 1.3216

Previews

White Background



This preview shows how the XYZ color 74.2101, 69.6554, 104.1413 looks on a white background.

Color Contrast Check

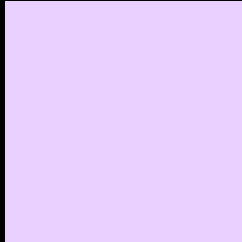
Large Text (above 18pt) WCAG AA × Fail

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 74.2101, 69.6554, 104.1413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

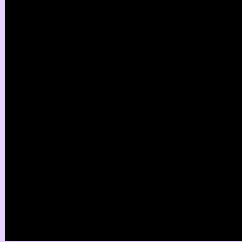
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2101, 69.6554, 104.1413

Background



This preview shows how black text looks on a background with the XYZ color 74.2101, 69.6554, 104.1413.

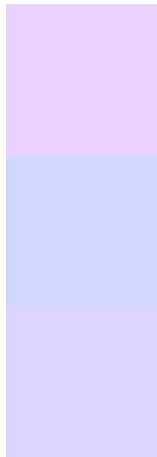


This preview shows how white text looks on a background with the XYZ color 74.2101, 69.6554,

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

74.2101, 69.6554, 104.1413

Protanopia

68.9004, 69.8870, 104.4659

Deuteranopia

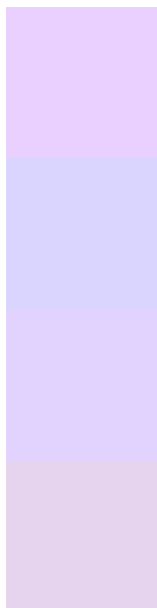
71.2517, 69.6149, 103.4476



Tritanopia

70.2502, 69.9037, 83.9189

Trichromacy



Original Color

74.2101, 69.6554, 104.1413

Protanomaly

70.7577, 69.7139, 104.3345

Deuteranomaly

72.2350, 69.7518, 103.4222

Tritanomaly

71.3600, 69.5846, 90.5590

Monochromacy



Original Color

74.2101, 69.6554, 104.1413

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.3152, 71.0025, 87.0896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2101, 69.6554, 104.1413 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(233, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 208, 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(233, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.2101, 69.6554, 104.1413 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(233, 208, 255) }
```


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

```
.border{ border-color:rgb(233, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2101, 69.6554, 104.1413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 208, 255) }
```

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

```
.background{ background-color: rgb(233,  
208, 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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