

Converting Colors

XYZ(74.3815, 69.1721,
104.0390)

Have a look what the booklet for
XYZ(74.3815, 69.1721, 104.0390)
contains.

XYZ(74.3823, 69.0248, 104.0105)	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(74.3823, 69.0248,
104.0105)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCEFF
RGB	235, 206, 255
RGB Percent	92%, 81%, 100%
CMY	0.0784, 0.1921, 0.0000
CMYK	0.08, 0.19, 0.00, 0.00
HSL	276°, 100%, 90%
HSV	276°, 19%, 100%
XYZ	74.3823, 69.0248, 104.0105
YIQ	220.2570, 1.5550, 21.3870

Conversions

Conversions Part 2

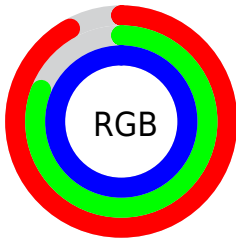
Format	Color
R _Y B	235, 206, 255
Decimal	15453951
CIE Lab	86.52, 18.89, -20.22
CIE LCh	87, 27.667, 313.047
Yxy	69.0248, 0.3006, 0.2790
Android (android.graphics.Color)	4293644031 (0xFFEBCEFF)
YUV	220.2570, 17.1283, 12.9296
Hunter-Lab	83.0812, 14.4184, -16.0692

Details

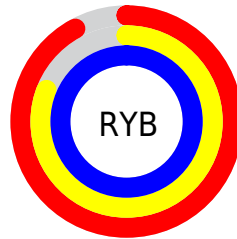
The XYZ color **74.3823, 69.0248, 104.0105** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.2662, 92.1457, 72.0567**, and the grayscale version is **68.0921, 71.6381, 78.0139**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0117, 36.1174, 58.2886** is the 20% darker color. If you saturate the color by 10%, you get **65.3983, 56.0092, 101.9717**, and if you desaturate by 10%, it is **84.5670, 84.1414, 106.3915**.

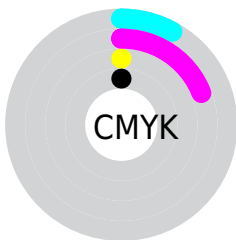
Distribution



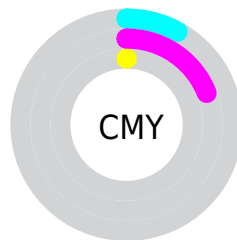
- Red (92%)
- Green (81%)
- Blue (100%)



- Red (92%)
- Yellow (81%)
- Blue (100%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3823, 69.0248, 104.0105 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 74.3823, 69.0248, 104.0105 by changing the saturation by 10% instead.

74.3823, 69.0248,
104.0105

74.3823, 69.0248,
104.0105

464.8217,
457.1184, 594.3317

55.3994, 50.7319,
79.0186

124.4302,
117.8170, 168.7575

39.9567, 35.9953,
58.3897

156.2259,
149.0851, 209.3496

27.6888, 24.4306,
41.7052

193.0232,
185.4470, 255.9789

18.2305, 15.6533,
28.5467

235.1875,
227.2872, 309.0639

11.2163, 9.2792,
18.4956

283.0841,
274.9901, 369.0232

6.2809, 4.9237,
11.1333

337.0785,

3.0589, 2.2026,

328.9400, 436.2752

6.0412

397.5359,
389.5213, 511.2385

■ 1.1850, 0.7214,
2.8010

■ 0.0945, 0.0000,
0.9939

■ 74.3823, 69.0248,
104.0105

■ 74.3823, 69.0248,
104.0105

■ 65.3983, 56.0092,
101.9717

■ 84.5670, 84.1414,
106.3915

■ 57.5581, 44.9885,
100.2578

95.0500, 100.0000,
108.9000

■ 50.8079, 35.8599,
98.8515

■ 45.0875, 28.5078,
97.7339

■ 40.3297, 22.8034,
96.8836

■ 36.4583, 18.6001,
96.2763

■ 33.3834, 15.7238,
95.8832

■ 30.9715, 13.9136,
95.6610

■ 30.7974, 13.7915,
95.6466

Harmonies

Analogous

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



68.4274, 69.0248, 115.0467



74.3823, 69.0248, 104.0105



78.1136, 69.0248, 85.9240

Triad

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



74.3823, 69.0248, 104.0105



69.2653, 69.0248, 46.1999



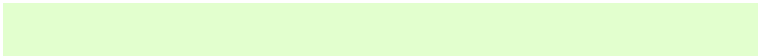
54.3184, 69.0248, 83.4083

Complementary

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



74.3823, 69.0248, 104.0105



78.2662, 92.1457, 72.0567

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.



54.5103, 69.0248, 65.3280



74.3823, 69.0248, 104.0105



62.8632, 69.0248, 45.7513

Square

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



74.3823, 69.0248, 104.0105



75.0300, 69.0248, 53.5482



57.5487, 69.0248, 52.2026



57.0062, 69.0248, 101.9123

Rectangle

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



74.3823, 69.0248, 104.0105



78.6971, 69.0248, 73.2959



57.5487, 69.0248, 52.2026



54.0537, 69.0248, 77.0478

Sweetspot

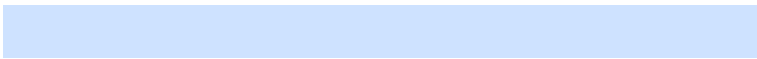
The Sweet Spot groups the original color and five complimentary colors.



74.3842, 69.0276, 104.0109



88.1015, 89.4584, 107.2315



70.8157, 74.9638, 105.3448



18.7013, 18.9125, 22.9148



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.



74.3842, 69.0276, 104.0109



70.8438, 63.8571, 103.1995



80.7121, 72.3649, 100.9121



18.0337, 17.9091, 22.7563



16.2659, 7.2959, 49.9855



1.7077, 0.7743, 4.8727

Inverse Universe

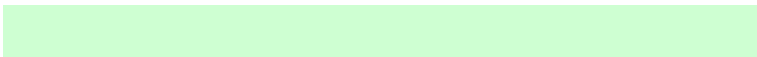
The Inverse Universe completely reimagines the original color for something new.



77.0404, 70.8963, 81.5776



74.0155, 66.0806, 76.7646



72.8589, 89.3001, 74.4269



18.3167, 18.1100, 20.2849



22.9261, 11.6597, 8.2614



2.2848, 1.1563, 1.0812

Previews

White Background



This preview shows how the XYZ color 74.3823, 69.0248, 104.0105 looks on a white background.

Color Contrast Check

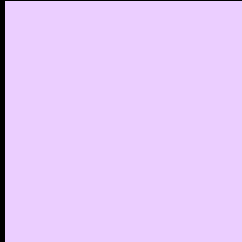
Large Text (above 18pt) WCAG AA × Fail

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 74.3823, 69.0248, 104.0105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

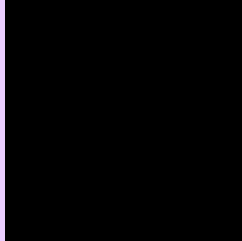
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3823, 69.0248, 104.0105

Background



This preview shows how black text looks on a background with the XYZ color 74.3823, 69.0248, 104.0105.

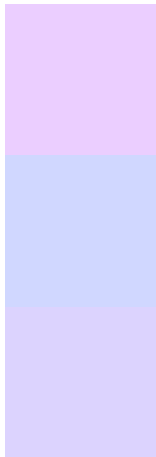


This preview shows how white text looks on a background with the XYZ color 74.3823, 69.0248,

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

74.3823, 69.0248, 104.0105

Protanopia

68.3629, 69.2308, 104.3675

Deuteranopia

70.6989, 68.9599, 103.3503



Tritanopia

70.1144, 69.1235, 82.3198

Trichromacy



Original Color

74.3823, 69.0248, 104.0105

Protanomaly

70.5069, 69.2124, 104.2510

Deuteranomaly

71.7412, 68.7642, 103.2576

Tritanomaly

71.3652, 68.8712, 89.6529

Monochromacy



Original Color

74.3823, 69.0248, 104.0105

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.0598, 70.4916, 87.0045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3823, 69.0248, 104.0105 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, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 206, 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, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.3823, 69.0248, 104.0105 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, 206, 255) }
```


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

```
.border{ border-color:rgb(235, 206, 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, 206, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3823, 69.0248, 104.0105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 206, 255) }
```

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

```
.background{ background-color: rgb(235,  
206, 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