

Converting Colors

XYZ(74.2589, 68.2510,
103.8676)

Have a look what the booklet for
XYZ(74.2589, 68.2510, 103.8676)
contains.

XYZ(74.2349, 68.2386, 103.8665)	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(74.2349, 68.2386,
103.8665)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCCFF
RGB	236, 204, 255
RGB Percent	93%, 80%, 100%
CMY	0.0745, 0.2000, 0.0000
CMYK	0.07, 0.20, 0.00, 0.00
HSL	278°, 100%, 90%
HSV	278°, 20%, 100%
XYZ	74.2349, 68.2386, 103.8665
YIQ	219.3820, 2.7010, 22.6450

Conversions

Conversions Part 2

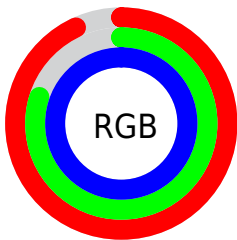
Format	Color
R _Y B	236, 204, 255
Decimal	15518975
CIE _{Lab}	86.13, 20.26, -20.80
CIE _{LCh}	86, 29.041, 314.251
Yxy	68.2386, 0.3014, 0.2770
Android (android.graphics.Color)	4293709055 (0xFFECCCFF)
YUV	219.3820, 17.5597, 14.5740
Hunter-Lab	82.6067, 15.8483, -16.7244

Details

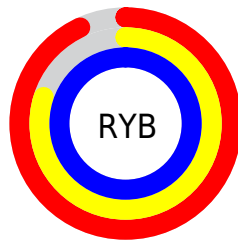
The XYZ color **74.2349, 68.2386, 103.8665** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.0922, 91.5684, 70.7413**, and the grayscale version is **67.4794, 70.9936, 77.3120**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9218, 35.5932, 58.1922** is the 20% darker color. If you saturate the color by 10%, you get **65.5928, 55.5122, 101.8656**, and if you desaturate by 10%, it is **84.0409, 83.0415, 106.2069**.

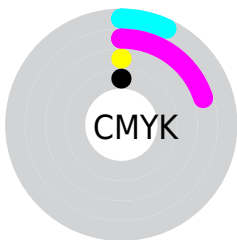
Distribution



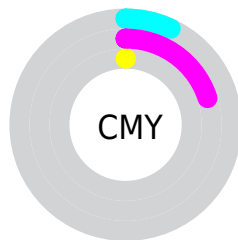
- Red (93%)
- Green (80%)
- Blue (100%)



- Red (93%)
- Yellow (80%)
- Blue (100%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)




- Cyan (7%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2349, 68.2386, 103.8665 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 74.2349, 68.2386, 103.8665 by changing the saturation by 10% instead.


 74.2349, 68.2386,
103.8665

 74.2349, 68.2386,
103.8665


464.3215,
454.3409, 593.8714

 55.2783, 50.0919,
78.8987


124.2225,
116.6934, 168.5586

 39.8593, 35.4864,
58.2917


155.9841,
147.7703, 209.1200

 27.6126, 24.0378,
41.6270


192.7448,
183.9260, 255.7164

 18.1728, 15.3617,
28.4859

234.8699,
225.5449, 308.7662

 11.1745, 9.0736,
18.4500

282.7248,
273.0115, 368.6881

 6.2525, 4.7892,
11.1008

336.6747,

 3.0413, 2.1241,

326.7101, 435.9006

6.0197

397.0852,
387.0251, 510.8222

■ 1.1757, 0.6781,
2.7881

■ 0.0870, 0.0000,
0.9875

■ 74.2349, 68.2386,
103.8665

■ 74.2349, 68.2386,
103.8665

■ 65.5928, 55.5122,
101.8656

■ 84.0409, 83.0415,
106.2069

■ 58.0579, 44.7562,
100.1866

95.0500, 100.0000,
108.9000

■ 51.5773, 35.8674,
98.8124

■ 46.0910, 28.7298,
97.7239

■ 41.5322, 23.2140,
96.8995

■ 37.8248, 19.1720,
96.3147

■ 34.8785, 16.4277,
95.9403

■ 32.5476, 14.6939,
95.7285

■ 32.5471, 14.6935,
95.7285

Harmonies

Analogous

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



68.0704, 68.2386, 115.9313



74.2349, 68.2386, 103.8665



78.0145, 68.2386, 84.7318

Triad

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



74.2349, 68.2386, 103.8665



68.4056, 68.2386, 44.2367



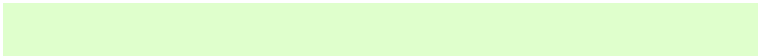
53.1958, 68.2386, 83.7228

Complementary

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



74.2349, 68.2386, 103.8665



77.0922, 91.5684, 70.7413

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.



53.2719, 68.2386, 64.7621



74.2349, 68.2386, 103.8665



61.7497, 68.2386, 44.0609

Square

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



74.2349, 68.2386, 103.8665



74.4948, 68.2386, 51.4859



56.3073, 68.2386, 50.9558



56.0917, 68.2386, 103.0195

Rectangle

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



74.2349, 68.2386, 103.8665



78.5207, 68.2386, 71.6081



56.3073, 68.2386, 50.9558



52.8812, 68.2386, 77.0590

Sweetspot

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



74.2368, 68.2414, 103.8669



88.2958, 89.5586, 107.2406



69.4890, 73.1296, 105.0607



18.7473, 18.9362, 22.9169



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.



74.2368, 68.2414, 103.8669



70.6409, 62.9039, 103.0262



79.9409, 71.2909, 99.2111



18.0984, 17.9424, 22.7593



17.1772, 7.7657, 50.0282



1.7934, 0.8184, 4.8767

Inverse Universe

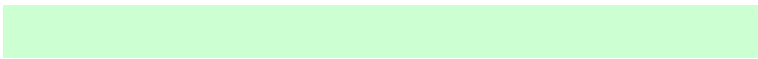
The Inverse Universe completely reimagines the original color for something new.



76.1539, 69.7761, 79.2688



72.9597, 64.7436, 74.0246



72.2905, 89.0090, 74.3135



18.2892, 18.0990, 20.1401



22.6942, 11.5670, 7.0400



2.2604, 1.1465, 0.9528

Previews

White Background



This preview shows how the XYZ color 74.2349, 68.2386, 103.8665 looks on a white background.

Color Contrast Check

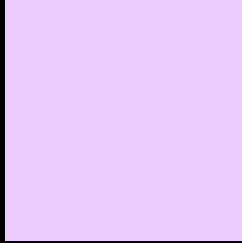
Large Text (above 18pt) WCAG AA × Fail

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 74.2349, 68.2386, 103.8665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

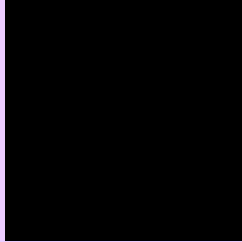
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2349, 68.2386, 103.8665

Background



This preview shows how black text looks on a background with the XYZ color 74.2349, 68.2386, 103.8665.



This preview shows how white text looks on a background with the XYZ color 74.2349, 68.2386,

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

74.2349, 68.2386, 103.8665

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

69.8494, 68.1544, 103.2396



Tritanopia

69.4829, 68.0808, 81.4303

Trichromacy



Original Color

74.2349, 68.2386, 103.8665

Protanomaly

70.0100, 68.2186, 104.0853

Deuteranomaly

71.4966, 68.2751, 103.1761

Tritanomaly

71.2032, 68.0637, 89.5056

Monochromacy



Original Color

74.2349, 68.2386, 103.8665

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.6634, 69.9269, 86.1695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2349, 68.2386, 103.8665 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(236, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 204, 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(236, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.2349, 68.2386, 103.8665 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(236, 204, 255) }
```


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

```
.border{ border-color:rgb(236, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2349, 68.2386, 103.8665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 204, 255) }
```

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

```
.background{ background-color: rgb(236,  
204, 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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