

Converting Colors

XYZ(76.8689, 69.6453,
119.9216)

Have a look what the booklet for
XYZ(76.8689, 69.6453, 119.9216)
contains.

XYZ(73.8130, 68.3751, 103.9151)	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(73.8130, 68.3751,
103.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	EACDFF
RGB	234, 205, 255
RGB Percent	92%, 80%, 100%
CMY	0.0823, 0.1961, 0.0000
CMYK	0.08, 0.20, 0.00, 0.00
HSL	275°, 100%, 90%
HSV	275°, 20%, 100%
XYZ	73.8130, 68.3751, 103.9151
YIQ	219.3710, 1.2340, 21.6980

Conversions

Conversions Part 2

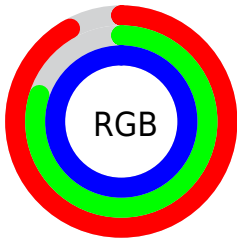
Format	Color
RYB	234, 205, 255
Decimal	15388159
CIELab	86.19, 19.10, -20.71
CIElCh	86, 28.175, 312.674
Yxy	68.3751, 0.2999, 0.2778
Android (android.graphics.Color)	4293578239 (0xFFEACDFF)
YUV	219.3710, 17.5651, 12.8296
Hunter-Lab	82.6892, 14.6328, -16.6269

Details

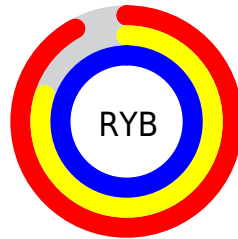
The XYZ color **73.8130, 68.3751, 103.9151** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.1451, 92.0973, 71.4188**, and the grayscale version is **67.4725, 70.9863, 77.3041**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6197, 35.6754, 58.2239** is the 20% darker color. If you saturate the color by 10%, you get **64.7930, 55.3975, 101.8856**, and if you desaturate by 10%, it is **84.0434, 83.4560, 106.2868**.

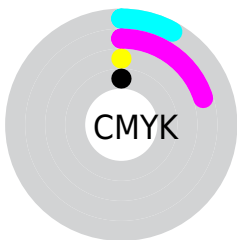
Distribution



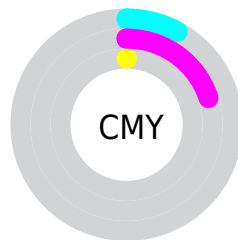
- Red (92%)
- Green (80%)
- Blue (100%)



- Red (92%)
- Yellow (80%)
- Blue (100%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8130, 68.3751, 103.9151 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 73.8130, 68.3751, 103.9151 by changing the saturation by 10% instead.

73.8130, 68.3751,
103.9151

73.8130, 68.3751,
103.9151

462.8880,
454.8239, 594.0268

54.9317, 50.2030,
78.9392

123.6276,
116.8886, 168.6257

39.5807, 35.5747,
58.3248

155.2917,
147.9987, 209.1975

27.3945, 24.1059,
41.6534

191.9474,
184.1903, 255.8050

18.0079, 15.4122,
28.5064

233.9601,
225.8478, 308.8667

11.0554, 9.1092,
18.4654

281.6951,
273.3554, 368.8012

6.1716, 4.8125,
11.1118

335.5179,

2.9914, 2.1377,

327.0977, 436.0270

6.0269

395.7937,
387.4591, 510.9627

■ 1.1492, 0.6857,
2.7924

■ 0.0657, 0.0000,
0.9896

■ 73.8130, 68.3751,
103.9151

■ 73.8130, 68.3751,
103.9151

■ 64.7930, 55.3975,
101.8856

■ 84.0434, 83.4560,
106.2868

■ 56.9259, 44.4166,
100.1807

95.0500, 100.0000,
108.9000

■ 50.1576, 35.3291,
98.7833

■ 44.4273, 28.0189,
97.6743

■ 39.6670, 22.3563,
96.8323

■ 35.7999, 18.1937,
96.2326

■ 32.7349, 15.3555,
95.8463

■ 30.3318, 13.5677,
95.6279

■ 30.2444, 13.5065,
95.6207

Harmonies

Analogous

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



67.7631, 68.3751, 115.0119



73.8130, 68.3751, 103.9151



77.6348, 68.3751, 85.5996

Triad

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



73.8130, 68.3751, 103.9151



68.7735, 68.3751, 45.2946



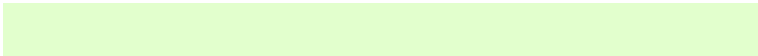
53.5653, 68.3751, 82.5627

Complementary

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



73.8130, 68.3751, 103.9151



78.1451, 92.0973, 71.4188

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.



53.7960, 68.3751, 64.3111



73.8130, 68.3751, 103.9151



62.2907, 68.3751, 44.7580

Square

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



73.8130, 68.3751, 103.9151



74.5950, 68.3751, 52.7699



56.8969, 68.3751, 51.1568



56.2443, 68.3751, 101.3756

Rectangle

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



73.8130, 68.3751, 103.9151



78.2582, 68.3751, 72.7952



56.8969, 68.3751, 51.1568



53.3106, 68.3751, 76.1273

Sweetspot

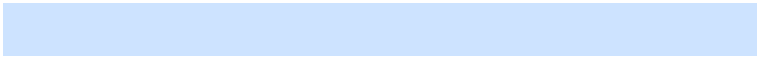
The Sweet Spot groups the original color and five complimentary colors.



73.8149, 68.3779, 103.9155



88.0371, 89.4252, 107.2285



70.6071, 74.9575, 105.3546



18.6861, 18.9047, 22.9141



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.



73.8149, 68.3779, 103.9155



69.7048, 62.4213, 102.9824



80.5905, 71.9323, 101.4558



18.0123, 17.8981, 22.7553



15.9775, 7.1472, 49.9720



1.6804, 0.7602, 4.8714

Inverse Universe

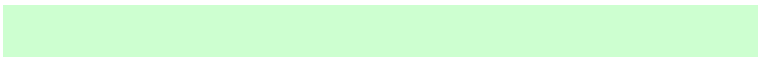
The Inverse Universe completely reimagines the original color for something new.



76.8005, 70.4163, 81.4978



73.3400, 64.8957, 76.0271



72.3651, 89.0706, 73.2712



18.3259, 18.1137, 20.3332



23.0088, 11.6928, 8.6970



2.2934, 1.1597, 1.1263

Previews

White Background



This preview shows how the XYZ color 73.8130, 68.3751, 103.9151 looks on a white background.

Color Contrast Check

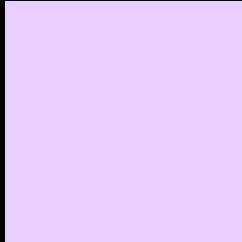
Large Text (above 18pt) WCAG AA × Fail

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 73.8130, 68.3751, 103.9151 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 73.8130, 68.3751, 103.9151

Background



This preview shows how black text looks on a background with the XYZ color 73.8130, 68.3751, 103.9151.

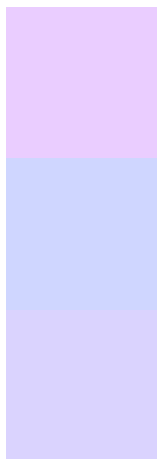


This preview shows how white text looks on a background with the XYZ color 73.8130, 68.3751,

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

73.8130, 68.3751, 103.9151

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

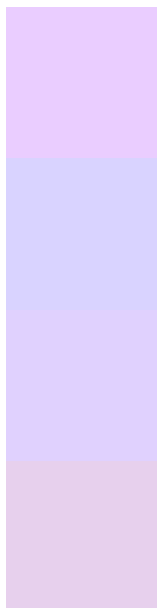
70.0971, 68.6497, 103.3221



Tritanopia

69.5448, 68.4622, 82.2222

Trichromacy



Original Color

73.8130, 68.3751, 103.9151

Protanomaly

69.9595, 68.5602, 104.1539

Deuteranomaly

71.4303, 68.6040, 103.2430

Tritanomaly

70.7969, 68.2151, 89.5562

Monochromacy



Original Color

73.8130, 68.3751, 103.9151

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.3525, 69.7666, 86.1550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8130, 68.3751, 103.9151 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(234, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 205, 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(234, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.8130, 68.3751, 103.9151 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(234, 205, 255) }
```


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

```
.border{ border-color:rgb(234, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8130, 68.3751, 103.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 205, 255) }
```

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

```
.background{ background-color: rgb(234,  
205, 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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