

Converting Colors

XYZ(102.2068, 79.3088,
254.5785)

Have a look what the booklet for
XYZ(102.2068, 79.3088, 254.5785)
contains.

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Color

**XYZ(73.5746, 67.8982,
103.8356)**

Conversions

Conversions Part 1

Format	Color
Hex	EACCFE
RGB	234, 204, 255
RGB Percent	92%, 80%, 100%
CMY	0.0823, 0.2000, 0.0000
CMYK	0.08, 0.20, 0.00, 0.00
HSL	275°, 100%, 90%
HSV	275°, 20%, 100%
XYZ	73.5746, 67.8982, 103.8356
YIQ	218.7840, 1.5090, 22.2210

Conversions

Conversions Part 2

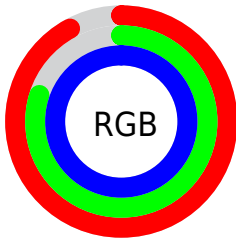
Format	Color
R_{YB}	234, 204, 255
Decimal	15387903
CIE _{Lab}	85.96, 19.63, -21.08
CIE _{LCh}	86, 28.800, 312.965
Y _{xy}	67.8982, 0.2999, 0.2768
Android (android.graphics.Color)	4293577983 (0xFFEACCFE)
YUV	218.7840, 17.8545, 13.3444
Hunter-Lab	82.4004, 15.1805, -17.0332

Details

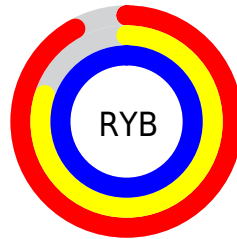
The XYZ color **73.5746, 67.8982, 103.8356** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.7120, 91.8879, 70.7703**, and the grayscale version is **67.0636, 70.5561, 76.8356**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4595, 35.3549, 58.1705** is the 20% darker color. If you saturate the color by 10%, you get **64.6575, 55.0301, 101.8218**, and if you desaturate by 10%, it is **83.6920, 82.8617, 106.1906**.

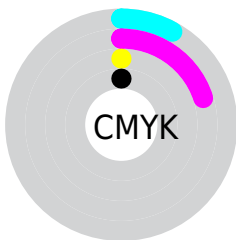
Distribution



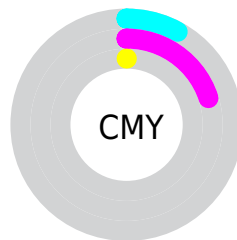
- Red (92%)
- Green (80%)
- Blue (100%)



- 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 73.5746, 67.8982, 103.8356 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 73.5746, 67.8982, 103.8356 by changing the saturation by 10% instead.

73.5746, 67.8982,
103.8356

73.5746, 67.8982,
103.8356

462.0769,
453.1352, 593.7726

54.7360, 49.8149,
78.8730

123.2913,
116.2065, 168.5159

39.4234, 35.2664,
58.2707

154.9002,
147.2003, 209.0708

27.2715, 23.8681,
41.6102

191.4964,
183.2664, 255.6600

17.9148, 15.2358,
28.4729

233.4455,
224.7892, 308.7024

10.9882, 8.9851,
18.4403

281.1127,
272.1531, 368.6162

6.1261, 4.7314,
11.0938

334.8635,

2.9633, 2.0906,

325.7425, 435.8202

6.0150

395.0631,
385.9417, 510.7328

■ 1.1344, 0.6593,
2.7853

■ 0.0536, 0.0000,
0.9861

■ 73.5746, 67.8982,
103.8356

■ 73.5746, 67.8982,
103.8356

■ 64.6575, 55.0301,
101.8218

■ 83.6920, 82.8617,
106.1906

■ 56.8833, 44.1506,
100.1316

95.0500, 100.0000,
108.9000

■ 50.1980, 35.1563,
98.7479

■ 44.5407, 27.9305,
97.6513

■ 39.8434, 22.3434,
96.8205

■ 36.0291, 18.2463,
96.2307

■ 33.0064, 15.4625,
95.8527

■ 30.6282, 13.7044,
95.6387

■ 30.6277, 13.7040,
95.6386

Harmonies

Analogous

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



67.4238, 67.8982, 115.2951



73.5746, 67.8982, 103.8356



77.4424, 67.8982, 85.0941

Triad

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



73.5746, 67.8982, 103.8356



68.3241, 67.8982, 44.3449



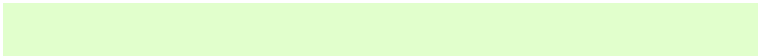
52.9436, 67.8982, 82.3852

Complementary

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



73.5746, 67.8982, 103.8356



77.7120, 91.8879, 70.7703

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.



53.1482, 67.8982, 63.7870



73.5746, 67.8982, 103.8356



61.7303, 67.8982, 43.8715

Square

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



73.5746, 67.8982, 103.8356



74.2723, 67.8982, 51.8265



56.2683, 67.8982, 50.3996



55.6887, 67.8982, 101.5634

Rectangle

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



73.5746, 67.8982, 103.8356



78.0535, 67.8982, 72.0661



56.2683, 67.8982, 50.3996



52.6755, 67.8982, 75.8250

Sweetspot

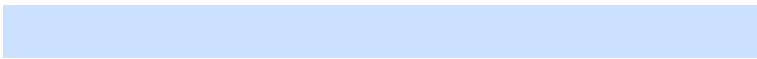
The Sweet Spot groups the original color and five complimentary colors.



73.5765, 67.9010, 103.8360



88.0819, 89.4483, 107.2306



69.9469, 74.0454, 105.2133



18.6967, 18.9101, 22.9146



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.



73.5765, 67.9010, 103.8360



69.8663, 62.5045, 102.9900



80.2074, 71.3975, 100.6144



18.0272, 17.9058, 22.7560



16.1774, 7.2502, 49.9814



1.6993, 0.7700, 4.8723

Inverse Universe

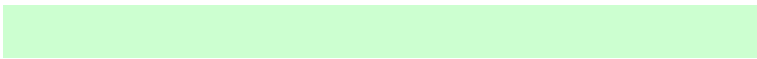
The Inverse Universe completely reimagines the original color for something new.



76.4251, 69.8846, 80.6974



73.2735, 64.8691, 75.6769



72.0798, 88.9247, 73.2042



18.3195, 18.1111, 20.2995



22.9510, 11.6697, 8.3923



2.2874, 1.1573, 1.0948

Previews

White Background



This preview shows how the XYZ color 73.5746, 67.8982, 103.8356 looks on a white background.

Color Contrast Check

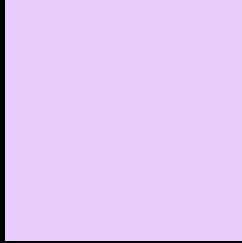
Large Text (above 18pt) WCAG AA × Fail

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 73.5746, 67.8982, 103.8356 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 73.5746, 67.8982, 103.8356

Background



This preview shows how black text looks on a background with the XYZ color 73.5746, 67.8982, 103.8356.

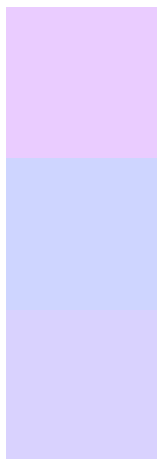


This preview shows how white text looks on a background with the XYZ color 73.5746, 67.8982,

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

73.5746, 67.8982, 103.8356

Protanopia

67.2978, 67.9303, 104.1726

Deuteranopia

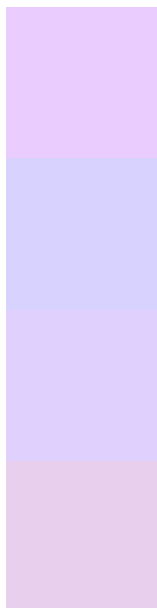
69.5513, 68.0007, 103.2256



Tritanopia

68.8410, 67.7499, 81.4002

Trichromacy



Original Color

73.5746, 67.8982, 103.8356

Protanomaly

69.4155, 67.9121, 104.0575

Deuteranomaly

70.8767, 67.9555, 103.1470

Tritanomaly

70.5539, 67.7290, 89.4752

Monochromacy



Original Color

73.5746, 67.8982, 103.8356

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 73.5746, 67.8982, 103.8356 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, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.5746, 67.8982, 103.8356 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, 204, 255) }
```


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

```
.border{ border-color:rgb(234, 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(234, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5746, 67.8982, 103.8356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 204, 255) }
```

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

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