

Converting Colors

XYZ(72.9113, 65.7861,
103.4628)

Have a look what the booklet for
XYZ(72.9113, 65.7861, 103.4628)
contains.

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Color

**XYZ(73.0655, 65.8997,
103.4767)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC7FF
RGB	236, 199, 255
RGB Percent	93%, 78%, 100%
CMY	0.0745, 0.2196, 0.0000
CMYK	0.07, 0.22, 0.00, 0.00
HSL	280°, 100%, 89%
HSV	280°, 22%, 100%
XYZ	73.0655, 65.8997, 103.4767
YIQ	216.4470, 4.0760, 25.2600

Conversions

Conversions Part 2

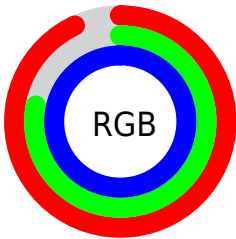
Format	Color
R_{YB}	236, 199, 255
Decimal	15517695
CIE _{Lab}	84.95, 22.92, -22.59
CIE _{LCh}	85, 32.183, 315.418
Yxy	65.8997, 0.3014, 0.2718
Android (android.graphics.Color)	4293707775 (0xFFECC7FF)
YUV	216.4470, 19.0066, 17.1480
Hunter-Lab	81.1786, 18.5978, -18.7507

Details

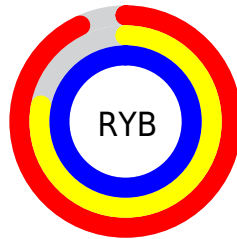
The XYZ color **73.0655, 65.8997, 103.4767** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.9838, 90.5497, 67.5617**, and the grayscale version is **65.4491, 68.8576, 74.9859**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1408, 34.0313, 57.9318** is the 20% darker color. If you saturate the color by 10%, you get **64.8798, 53.6892, 101.5512**, and if you desaturate by 10%, it is **82.3771, 80.1535, 105.7372**.

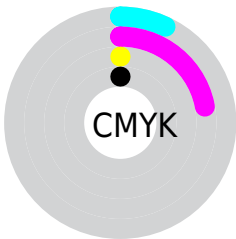
Distribution



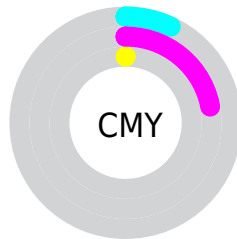
- Red (93%)
- Green (78%)
- Blue (100%)



- Red (93%)
- Yellow (78%)
- Blue (100%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0655, 65.8997, 103.4767 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 73.0655, 65.8997, 103.4767 by changing the saturation by 10% instead.

73.0655, 65.8997,
103.4767

73.0655, 65.8997,
103.4767

460.3421,
446.0181, 592.6243

54.3181, 48.1910,
78.5742

122.5728,
113.3424, 168.0202

39.0877, 33.9782,
58.0266

154.0634,
143.8451, 208.4983

27.0090, 22.8768,
41.4152

190.5325,
179.3813, 255.0054

17.7166, 14.5026,
28.3215

232.3454,
220.3354, 307.9600

10.8452, 8.4710,
18.3270

279.8674,
267.0917, 367.7807

6.0293, 4.3978,
11.0131

333.4640,

2.9038, 1.8985,

320.0346, 434.8859

5.9614

393.5004,
379.5486, 509.6943

■ 1.1031, 0.5475,
2.7532

■ 0.0277, 0.0000,
0.9700

■ 73.0655, 65.8997,
103.4767

■ 73.0655, 65.8997,
103.4767

■ 64.8798, 53.6892,
101.5512

■ 82.3771, 80.1535,
105.7372

■ 57.7636, 43.4148,
99.9432

■ 92.8565, 96.5344,
108.3467

■ 51.6635, 34.9720,
98.6350

95.0500, 100.0000,
108.9000

■ 46.5190, 28.2427,
97.6073

■ 42.2626, 23.0948,
96.8380

■ 38.8165, 19.3761,
96.3019

■ 36.0874, 16.9033,
95.9684

■ 34.3016, 15.5980,
95.8106

Harmonies

Analogous

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



66.4039, 65.8997, 117.3718



73.0655, 65.8997, 103.4767



77.0723, 65.8997, 82.2487

Triad

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



73.0655, 65.8997, 103.4767



66.2004, 65.8997, 39.7140



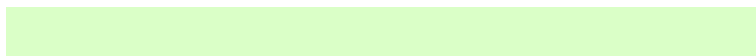
50.1700, 65.8997, 82.8646

Complementary

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



73.0655, 65.8997, 103.4767



74.9838, 90.5497, 67.5617

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.



50.1247, 65.8997, 62.1915



73.0655, 65.8997, 103.4767



59.0128, 65.8997, 39.8154

Square

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



73.0655, 65.8997, 103.4767



72.9067, 65.8997, 46.9730



53.2489, 65.8997, 47.2833



53.3777, 65.8997, 104.0018

Rectangle

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



73.0655, 65.8997, 103.4767



77.5159, 65.8997, 68.0605



53.2489, 65.8997, 47.2833



49.7931, 65.8997, 75.5779

Sweetspot

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



73.0674, 65.9024, 103.4771



87.4245, 88.0047, 106.9866



66.8327, 69.8191, 104.5617



18.5776, 18.6260, 22.8660



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.



73.0674, 65.9024, 103.4771



69.6263, 60.7268, 102.6595



78.3915, 68.8000, 96.8211



18.1590, 17.9737, 22.7621



18.0893, 8.2359, 50.0709



1.8781, 0.8621, 4.8807

Inverse Universe

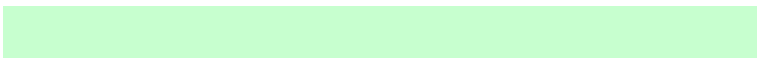
The Inverse Universe completely reimagines the original color for something new.



74.3199, 67.1713, 75.3800



71.1554, 62.2392, 70.0188



70.6265, 88.1876, 72.5905



18.2636, 18.0888, 20.0055



22.4997, 11.4892, 6.0157



2.2394, 1.1381, 0.8421

Previews

White Background



This preview shows how the XYZ color 73.0655, 65.8997, 103.4767 looks on a white background.

Color Contrast Check

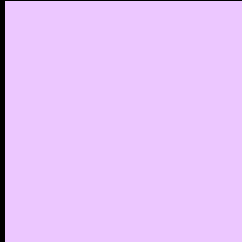
Large Text (above 18pt) WCAG AA × Fail

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 73.0655, 65.8997, 103.4767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

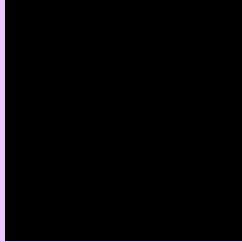
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0655, 65.8997, 103.4767

Background



This preview shows how black text looks on a background with the XYZ color 73.0655, 65.8997, 103.4767.

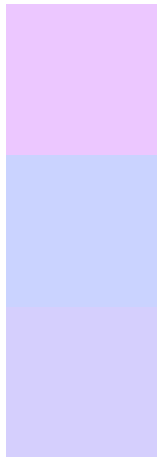


This preview shows how white text looks on a background with the XYZ color 73.0655, 65.8997,

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

73.0655, 65.8997, 103.4767

Protanopia

65.7014, 66.3651, 103.9546

Deuteranopia

67.4830, 65.8636, 102.0847



Tritanopia

67.8375, 65.8720, 77.5458

Trichromacy



Original Color

73.0655, 65.8997, 103.4767

Protanomaly

68.0944, 66.1418, 103.7854

Deuteranomaly

69.3011, 65.7136, 102.7974

Tritanomaly

69.6682, 65.9187, 86.1425

Monochromacy



Original Color

73.0655, 65.8997, 103.4767

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.7609, 67.4943, 84.3192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0655, 65.8997, 103.4767 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(236, 199, 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, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.0655, 65.8997, 103.4767 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, 199, 255) }
```


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

```
.border{ border-color:rgb(236, 199, 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, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0655, 65.8997, 103.4767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 199, 255) }
```

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

```
.background{ background-color: rgb(236,  
199, 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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