

Converting Colors

XYZ(102.3385, 78.8632,
257.8161)

Have a look what the booklet for
XYZ(102.3385, 78.8632, 257.8161)
contains.

XYZ(73.0102, 67.2555, 103.7413)	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(73.0102, 67.2555,
103.7413)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CBFF
RGB	233, 203, 255
RGB Percent	91%, 80%, 100%
CMY	0.0863, 0.2039, 0.0000
CMYK	0.09, 0.20, 0.00, 0.00
HSL	275°, 100%, 90%
HSV	275°, 20%, 100%
XYZ	73.0102, 67.2555, 103.7413
YIQ	217.8980, 1.1880, 22.5320

Conversions

Conversions Part 2

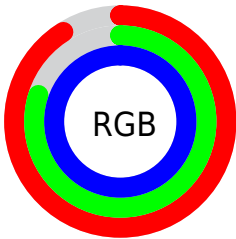
Format	Color
R _Y B	233, 203, 255
Decimal	15322111
CIE _{Lab}	85.63, 19.84, -21.57
CIE _{LCh}	86, 29.310, 312.609
Y _{xy}	67.2555, 0.2992, 0.2756
Android (android.graphics.Color)	4293512191 (0xFFE9CBFF)
YUV	217.8980, 18.2913, 13.2445
Hunter-Lab	82.0095, 15.3959, -17.5948

Details

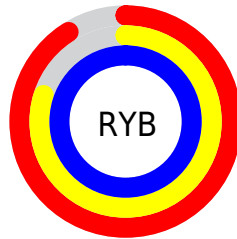
The XYZ color **73.0102, 67.2555, 103.7413** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.5924, 91.8401, 70.1405**, and the grayscale version is **66.4494, 69.9099, 76.1319**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0720, 34.9192, 58.1068** is the 20% darker color. If you saturate the color by 10%, you get **64.0618, 54.4275, 101.7369**, and if you desaturate by 10%, it is **83.1682, 82.1808, 106.0868**.

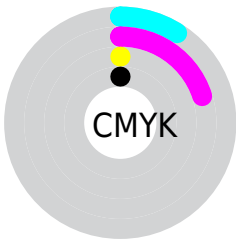
Distribution



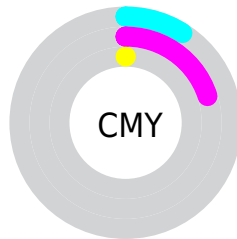
- Red (91%)
- Green (80%)
- Blue (100%)



- Red (91%)
- Yellow (80%)
- Blue (100%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0102, 67.2555, 103.7413 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 73.0102, 67.2555, 103.7413 by changing the saturation by 10% instead.

73.0102, 67.2555,
103.7413

73.0102, 67.2555,
103.7413

460.1534,
450.8537, 593.4710

54.2727, 49.2923,
78.7945

122.4947,
115.2864, 168.3857

39.0513, 34.8514,
58.2065

153.9725,
146.1230, 208.9204

26.9805, 23.5484,
41.5589

190.4277,
182.0194, 255.4881

17.6951, 14.9990,
28.4331

232.2258,
223.3601, 308.5074

10.8297, 8.8187,
18.4105

279.7320,
270.5295, 368.3968

6.0189, 4.6231,
11.0726

333.3118,

2.8973, 2.0279,

323.9119, 435.5748

6.0009

393.3305,
383.8919, 510.4600

■ 1.0997, 0.6236,
2.7768

■ 0.0249, 0.0000,
0.9818

■ 73.0102, 67.2555,
103.7413

■ 73.0102, 67.2555,
103.7413

■ 64.0618, 54.4275,
101.7369

■ 83.1682, 82.1808,
106.0868

■ 56.2650, 43.5899,
100.0559

94.5787, 99.2871,
108.7872

■ 49.5654, 34.6384,
98.6812

95.0500, 100.0000,
108.9000

■ 43.9014, 27.4559,
97.5934

■ 39.2046, 21.9117,
96.7708

■ 35.3970, 17.8562,
96.1887

■ 32.3861, 15.1110,
95.8175

■ 30.1032, 13.4337,
95.6141

Harmonies

Analogous

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



66.7664, 67.2555, 115.2627



73.0102, 67.2555, 103.7413



76.9672, 67.2555, 84.7714

Triad

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



73.0102, 67.2555, 103.7413



67.8366, 67.2555, 43.4623



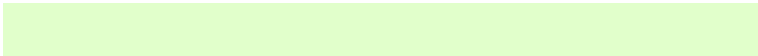
52.2026, 67.2555, 81.5480

Complementary

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



73.0102, 67.2555, 103.7413



77.5924, 91.8401, 70.1405

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.



52.4451, 67.2555, 62.7865



73.0102, 67.2555, 103.7413



61.1641, 67.2555, 42.9043

Square

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



73.0102, 67.2555, 103.7413



73.8405, 67.2555, 51.0632



55.6254, 67.2555, 49.3773



54.9383, 67.2555, 101.0306

Rectangle

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



73.0102, 67.2555, 103.7413



77.6178, 67.2555, 71.5698



55.6254, 67.2555, 49.3773



51.9443, 67.2555, 74.9153

Sweetspot

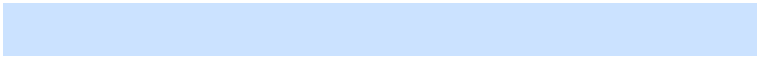
The Sweet Spot groups the original color and five complimentary colors.



73.0121, 67.2583, 103.7417



88.0203, 89.4166, 107.2277



69.7504, 74.0580, 105.2261



18.6821, 18.9026, 22.9139



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.



73.0121, 67.2583, 103.7417



69.6447, 62.3903, 102.9796



80.0940, 70.9730, 101.1862



18.0067, 17.8952, 22.7550



15.9038, 7.1092, 49.9686



1.6733, 0.7566, 4.8711

Inverse Universe

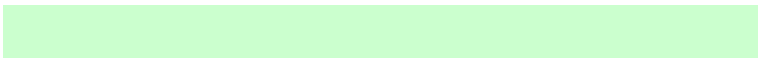
The Inverse Universe completely reimagines the original color for something new.



76.1882, 69.4107, 80.6184



73.3649, 64.9056, 76.1581



71.5879, 88.6964, 72.0403



18.3282, 18.1146, 20.3457



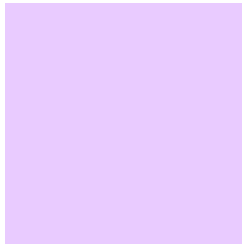
23.0308, 11.7016, 8.8124



2.2956, 1.1606, 1.1382

Previews

White Background



This preview shows how the XYZ color 73.0102, 67.2555, 103.7413 looks on a white background.

Color Contrast Check

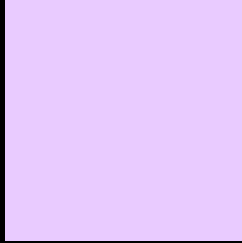
Large Text (above 18pt) WCAG AA × Fail

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 73.0102, 67.2555, 103.7413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

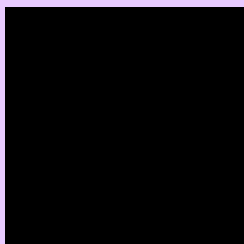
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0102, 67.2555, 103.7413

Background



This preview shows how black text looks on a background with the XYZ color 73.0102, 67.2555, 103.7413.



This preview shows how white text looks on a background with the XYZ color 73.0102, 67.2555,

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

73.0102, 67.2555, 103.7413

Protanopia

66.7703, 67.2861, 104.0761

Deuteranopia

69.0088, 67.3556, 103.1297



Tritanopia

68.1414, 67.0420, 80.5831

Trichromacy



Original Color

73.0102, 67.2555, 103.7413

Protanomaly

68.8748, 67.2680, 103.9617

Deuteranomaly

70.3264, 67.3110, 103.0517

Tritanomaly

69.8448, 67.0217, 88.6122

Monochromacy



Original Color

73.0102, 67.2555, 103.7413

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.6495, 69.0460, 85.3103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0102, 67.2555, 103.7413 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(233, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(233, 203, 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(233, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.0102, 67.2555, 103.7413 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(233, 203, 255) }
```


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

```
.border{ border-color:rgb(233, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 203,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0102, 67.2555, 103.7413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 203, 255) }
```

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

```
.background{ background-color: rgb(233,  
203, 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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