

Converting Colors

XYZ(73.3250, 68.1420,
103.0540)

Have a look what the booklet for
XYZ(73.3250, 68.1420, 103.0540)
contains.

XYZ(73.3250, 68.1420, 103.0540)	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(73.3250, 68.1420,
103.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	E9CDFE
RGB	233, 205, 254
RGB Percent	91%, 80%, 100%
CMY	0.0863, 0.1961, 0.0039
CMYK	0.08, 0.19, 0.00, 0.00
HSL	274°, 96%, 90%
HSV	274°, 19%, 100%
XYZ	73.3250, 68.1420, 103.0540
YIQ	218.9580, 0.9590, 21.1750

Conversions

Conversions Part 2

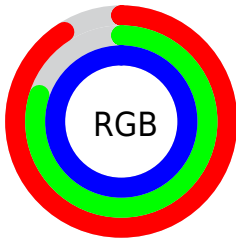
Format	Color
R _Y B	233, 205, 254
Decimal	15322622
CIE Lab	86.08, 18.58, -20.37
CIE LCh	86, 27.573, 312.374
Yxy	68.1420, 0.2999, 0.2787
Android (android.graphics.Color)	4293512702 (0xFFE9CDFE)
YUV	218.9580, 17.2757, 12.3148
Hunter-Lab	82.5482, 14.0968, -16.2345

Details

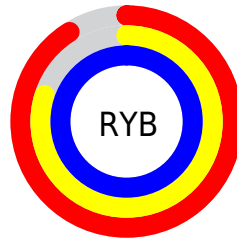
The XYZ color **73.3250, 68.1420, 103.0540** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.8276, 91.4618, 71.3127**, and the grayscale version is **67.1882, 70.6872, 76.9784**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2761, 35.5115, 57.6077** is the 20% darker color. If you saturate the color by 10%, you get **64.2910, 55.1870, 101.0306**, and if you desaturate by 10%, it is **83.5688, 83.1883, 105.4194**.

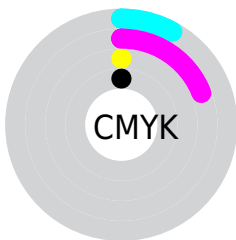
Distribution



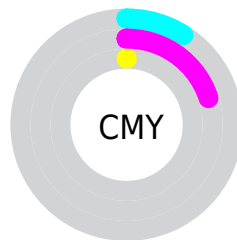
- Red (91%)
- Green (80%)
- Blue (100%)



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



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3250, 68.1420, 103.0540 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 73.3250, 68.1420, 103.0540 by changing the saturation by 10% instead.

73.3250, 68.1420,
103.0540

73.3250, 68.1420,
103.0540

461.2268,
453.9990, 591.2704

54.5311, 50.0133,
78.2225

122.9391,
116.5553, 167.4361

39.2588, 35.4239,
57.7392

154.4900,
147.6086, 207.8238

27.1427, 23.9896,
41.1857

191.0240,
183.7389, 254.2340

17.8176, 15.3259,
28.1434

232.9063,
225.3306, 307.0851

10.9180, 9.0484,
18.1938

280.5024,
272.7680, 366.7958

6.0786, 4.7728,
10.9184

334.1776,

2.9340, 2.1146,

326.4356, 433.7845

5.8985

394.2973,
386.7178, 508.4699

■ 1.1190, 0.6728,
2.7157

■ 0.0409, 0.0000,
0.9513

■ 73.3250, 68.1420,
103.0540

■ 73.3250, 68.1420,
103.0540

■ 64.2910, 55.1870,
101.0306

■ 83.5688, 83.1883,
105.4194

■ 56.4089, 44.2176,
99.3287

94.8066, 99.8931,
108.0514

■ 49.6255, 35.1317,
97.9325

94.8896, 99.9358,
108.0553

■ 43.8802, 27.8145,
96.8230

■ 39.1058, 22.1380,
95.9789

■ 35.2263, 17.9565,
95.3763

■ 32.1517, 15.0970,
94.9864

■ 29.7478, 13.2980,
94.7659

■ 29.5913, 13.1883,
94.7529

Harmonies

Analogous

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



67.4115, 68.1420, 113.7357



73.3250, 68.1420, 103.0540



77.0786, 68.1420, 85.2631

Triad

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



73.3250, 68.1420, 103.0540



68.5243, 68.1420, 45.6753



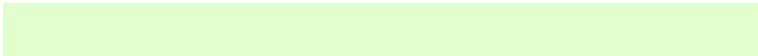
53.5866, 68.1420, 81.9219

Complementary

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



73.3250, 68.1420, 103.0540



77.8276, 91.4618, 71.3127

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.



53.8414, 68.1420, 64.1289



73.3250, 68.1420, 103.0540



62.1924, 68.1420, 45.0795

Square

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



73.3250, 68.1420, 103.0540



74.1852, 68.1420, 53.0864



56.9021, 68.1420, 51.2996



56.1815, 68.1420, 100.2671

Rectangle

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



73.3250, 68.1420, 103.0540



77.7106, 68.1420, 72.7597



56.9021, 68.1420, 51.2996



53.3468, 68.1420, 75.6492

Sweetspot

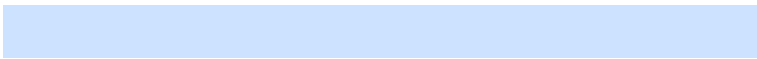
The Sweet Spot groups the original color and five complimentary colors.



73.3271, 68.1449, 103.0555



87.9904, 89.4011, 107.2263



70.3286, 74.6572, 104.4705



18.6751, 18.8990, 22.9135



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.



73.3271, 68.1449, 103.0555



70.4583, 63.6584, 103.1815



80.0768, 71.6844, 100.6638



17.9968, 17.8901, 22.7545



15.7731, 7.0418, 49.9625



1.6609, 0.7501, 4.8705

Inverse Universe

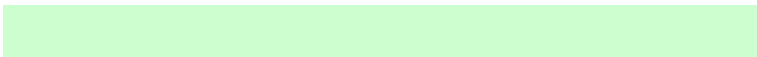
The Inverse Universe completely reimagines the original color for something new.



76.4341, 70.2273, 81.4812



74.1750, 66.1444, 77.6047



72.0390, 88.4317, 73.1219



18.3325, 18.1163, 20.3682



23.0705, 11.7175, 9.0218



2.2997, 1.1623, 1.1597

Previews

White Background



This preview shows how the XYZ color 73.3250, 68.1420, 103.0540 looks on a white background.

Color Contrast Check

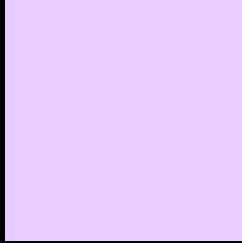
Large Text (above 18pt) WCAG AA × Fail

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 73.3250, 68.1420, 103.0540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

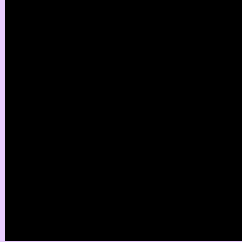
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3250, 68.1420, 103.0540

Background



This preview shows how black text looks on a background with the XYZ color 73.3250, 68.1420, 103.0540.

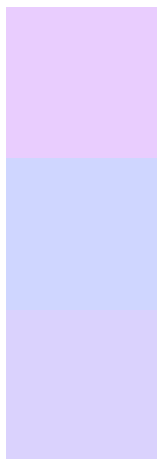


This preview shows how white text looks on a background with the XYZ color 73.3250, 68.1420,

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

73.3250, 68.1420, 103.0540

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

69.6897, 68.0905, 102.3982



Tritanopia

69.0872, 68.2422, 81.4823

Trichromacy



Original Color

73.3250, 68.1420, 103.0540

Protanomaly

69.6632, 68.4075, 104.1401

Deuteranomaly

70.7169, 67.8916, 102.3057

Tritanomaly

70.3293, 67.9909, 88.7737

Monochromacy



Original Color

73.3250, 68.1420, 103.0540

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 73.3250, 68.1420, 103.0540 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, 205, 254)` looks like.

```
.text, #text, p{  
    color:rgb(233, 205, 254)  
}
```

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, 205, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 205, 254) }
```

Border

The CSS property to change the border of an element to XYZ 73.3250, 68.1420, 103.0540 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, 205, 254) }
```


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

```
.border{ border-color:rgb(233, 205, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 205, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 205, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 205, 254);  
box-shadow:4px 4px 4px 4px rgb(233, 205,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3250, 68.1420, 103.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 205, 254) }
```

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

```
.background{ background-color: rgb(233,  
205, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor