

Converting Colors

XYZ(73.3695, 68.2403,
103.9125)

Have a look what the booklet for
XYZ(73.3695, 68.2403, 103.9125)
contains.

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Color

**XYZ(73.1600, 68.0384,
103.8845)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CDFF
RGB	232, 205, 255
RGB Percent	91%, 80%, 100%
CMY	0.0902, 0.1961, 0.0000
CMYK	0.09, 0.20, 0.00, 0.00
HSL	272°, 100%, 90%
HSV	272°, 20%, 100%
XYZ	73.1600, 68.0384, 103.8845
YIQ	218.7730, 0.0420, 21.2740

Conversions

Conversions Part 2

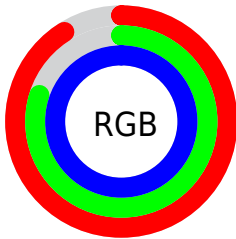
Format	Color
R _Y B	232, 205, 255
Decimal	15257087
CIE Lab	86.03, 18.46, -20.99
CIE LCh	86, 27.951, 311.341
Yxy	68.0384, 0.2985, 0.2776
Android (android.graphics.Color)	4293447167 (0xFFE8CDFF)
YUV	218.7730, 17.8599, 11.6001
Hunter-Lab	82.4854, 13.9702, -16.9318

Details

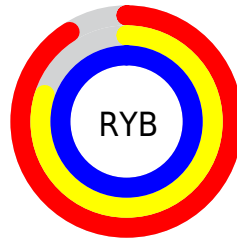
The XYZ color **73.1600, 68.0384, 103.8845** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.7759, 92.4225, 71.4482**, and the grayscale version is **67.0565, 70.5487, 76.8275**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1641, 35.4405, 58.2026** is the 20% darker color. If you saturate the color by 10%, you get **63.8691, 54.9211, 101.8423**, and if you desaturate by 10%, it is **83.7029, 83.2804, 106.2708**.

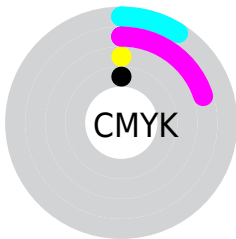
Distribution



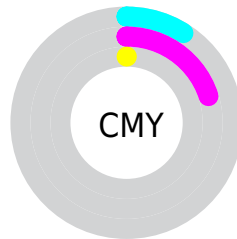
- Red (91%)
- Green (80%)
- Blue (100%)



- 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 73.1600, 68.0384, 103.8845 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 73.1600, 68.0384, 103.8845 by changing the saturation by 10% instead.

73.1600, 68.0384,
103.8845

73.1600, 68.0384,
103.8845

460.6644,
453.6321, 593.9289

54.3956, 49.9290,
78.9137

122.7062,
116.4071, 168.5835

39.1500, 35.3570,
58.3040

154.2188,
147.4351, 209.1487

27.0577, 23.9380,
41.6367

190.7115,
183.5382, 255.7492

17.7534, 15.2876,
28.4935

232.5497,
225.1006, 308.8035

10.8717, 9.0215,
18.4557

280.0987,
272.5068, 368.7300

6.0473, 4.7552,
11.1049

333.7240,

2.9148, 2.1044,

326.1412, 435.9474

6.0223

393.7907,
386.3881, 510.8742

■ 1.1089, 0.6671,
2.7897

■ 0.0325, 0.0000,
0.9883

■ 73.1600, 68.0384,
103.8845

■ 73.1600, 68.0384,
103.8845

■ 63.8691, 54.9211,
101.8423

■ 83.7029, 83.2804,
106.2708

■ 55.7715, 43.8214,
100.1266

95.0500, 100.0000,
108.9000

■ 48.8119, 34.6353,
98.7204

■ 42.9280, 27.2459,
97.6042

■ 38.0508, 21.5231,
96.7566

■ 34.1017, 17.3182,
96.1531

■ 30.9883, 14.4551,
95.7646

■ 28.5688, 12.6588,
95.5454

■ 28.4815, 12.5976,
95.5382

Harmonies

Analogous

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



67.1236, 68.0384, 114.3810



73.1600, 68.0384, 103.8845



77.0686, 68.0384, 85.9646

Triad

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



73.1600, 68.0384, 103.8845



68.6943, 68.0384, 45.4086



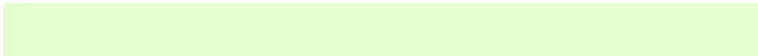
53.3164, 68.0384, 81.2458

Complementary

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



73.1600, 68.0384, 103.8845



78.7759, 92.4225, 71.4482

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.



53.6753, 68.0384, 63.3486



73.1600, 68.0384, 103.8845



62.2739, 68.0384, 44.5719

Square

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



73.1600, 68.0384, 103.8845



74.3750, 68.0384, 53.1187



56.8608, 68.0384, 50.6060



55.8455, 68.0384, 99.9423

Rectangle

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



73.1600, 68.0384, 103.8845



77.7956, 68.0384, 73.2590



56.8608, 68.0384, 50.6060



53.1079, 68.0384, 74.9117

Sweetspot

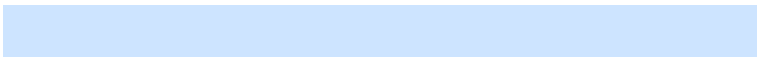
The Sweet Spot groups the original color and five complimentary colors.



73.1619, 68.0412, 103.8850



87.8197, 89.3132, 107.2183



71.0642, 75.8717, 105.5070



18.6347, 18.8782, 22.9116



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.



73.1619, 68.0412, 103.8850



68.9278, 62.0207, 102.9461



80.8553, 72.0382, 102.8505



17.9401, 17.8609, 22.7519



15.0565, 6.6724, 49.9289



1.5921, 0.7147, 4.8673

Inverse Universe

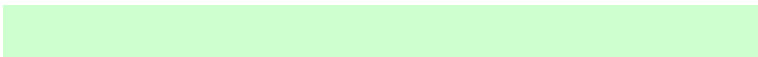
The Inverse Universe completely reimagines the original color for something new.



77.0765, 70.5266, 82.9516



73.6657, 65.0260, 77.7424



72.1606, 88.9888, 72.1944



18.3569, 18.1261, 20.4968



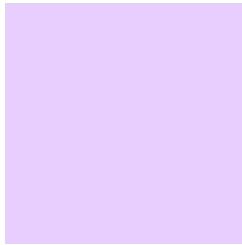
23.3092, 11.8130, 10.2789



2.3239, 1.1720, 1.2873

Previews

White Background



This preview shows how the XYZ color 73.1600, 68.0384, 103.8845 looks on a white background.

Color Contrast Check

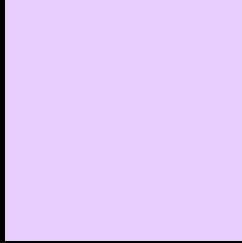
Large Text (above 18pt) WCAG AA × Fail

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 73.1600, 68.0384, 103.8845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

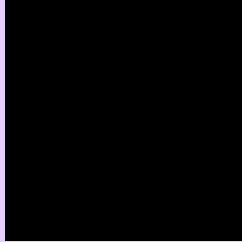
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1600, 68.0384, 103.8845

Background



This preview shows how black text looks on a background with the XYZ color 73.1600, 68.0384, 103.8845.

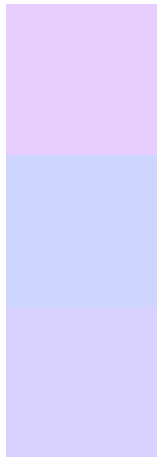


This preview shows how white text looks on a background with the XYZ color 73.1600, 68.0384,

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

73.1600, 68.0384, 103.8845

Protanopia

67.5502, 68.4349, 104.2567

Deuteranopia

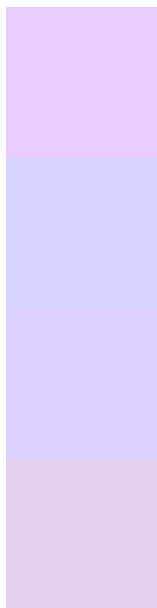
69.5513, 68.0007, 103.2256



Tritanopia

68.5903, 67.9701, 82.1775

Trichromacy



Original Color

73.1600, 68.0384, 103.8845

Protanomaly

69.3686, 68.2556, 104.1263

Deuteranomaly

70.5695, 67.7971, 103.1327

Tritanomaly

70.1550, 67.8842, 89.5262

Monochromacy



Original Color

73.1600, 68.0384, 103.8845

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 73.1600, 68.0384, 103.8845 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(232, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.1600, 68.0384, 103.8845 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(232, 205, 255) }
```


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

```
.border{ border-color:rgb(232, 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(232, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1600, 68.0384, 103.8845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 205, 255) }
```

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

```
.background{ background-color: rgb(232,  
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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