

Converting Colors

XYZ(90.2603, 70.7374,
191.9284)

Have a look what the booklet for
XYZ(90.2603, 70.7374, 191.9284)
contains.

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Color

**XYZ(73.3956, 64.0607,
103.1043)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C1FF
RGB	241, 193, 255
RGB Percent	95%, 76%, 100%
CMY	0.0549, 0.2431, 0.0000
CMYK	0.05, 0.24, 0.00, 0.00
HSL	286°, 100%, 88%
HSV	286°, 24%, 100%
XYZ	73.3956, 64.0607, 103.1043
YIQ	214.4200, 8.7060, 29.4580

Conversions

Conversions Part 2

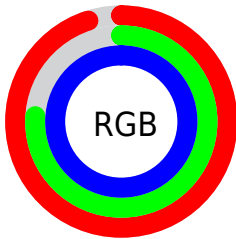
Format	Color
R_{YB}	241, 193, 255
Decimal	15843839
CIE _{Lab}	84.00, 27.70, -23.99
CIE _{LCh}	84, 36.640, 319.104
Yxy	64.0607, 0.3051, 0.2663
Android (android.graphics.Color)	4294033919 (0xFFFF1C1FF)
YUV	214.4200, 20.0059, 23.3107
Hunter-Lab	80.0379, 23.6200, -20.3504

Details

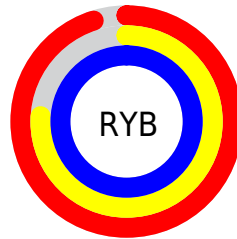
The XYZ color **73.3956, 64.0607, 103.1043** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.1193, 88.6364, 63.8153**, and the grayscale version is **64.0663, 67.4027, 73.4016**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **39.1928, 32.7328, 57.6785** is the 20% darker color. If you saturate the color by 10%, you get **66.3031, 52.7467, 101.2943**, and if you desaturate by 10%, it is **81.5257, 77.3558, 105.2420**.

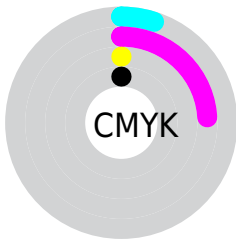
Distribution



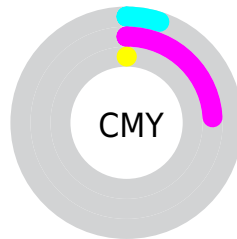
- Red (95%)
- Green (76%)
- Blue (100%)



- Red (95%)
- Yellow (76%)
- Blue (100%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3956, 64.0607, 103.1043 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 73.3956, 64.0607, 103.1043 by changing the saturation by 10% instead.


 73.3956, 64.0607,
103.1043

 73.3956, 64.0607,
103.1043


461.4673,
439.4088, 591.4316

 54.5890, 46.6998,
78.2643


 123.0388,
110.6983, 167.5057

 39.3053, 32.7984,
57.7734

154.6061,
140.7439, 207.9041

 27.1791, 21.9721,
41.2130


191.1577,
175.7865, 254.3258

 17.8451, 13.8364,
28.1646

233.0589,
216.2106, 307.1893

 10.9378, 8.0070,
18.2097

280.6751,
262.4004, 366.9130

 6.0920, 4.0994,
10.9296

334.3717,

 2.9423, 1.7293,

314.7405, 433.9156

5.9059

394.5140,
373.6151, 508.6157

■ 1.1233, 0.4425,
2.7201

■ 0.0445, 0.0000,
0.9535

■ 73.3956, 64.0607,
103.1043

■ 73.3956, 64.0607,
103.1043

■ 66.3031, 52.7467,
101.2943

■ 81.5257, 77.3558,
105.2420

■ 60.1923, 43.3057,
99.7941

■ 90.7348, 92.7167,
107.7216

■ 55.0103, 35.6316,
98.5860

95.0500, 100.0000,
108.9000

■ 50.6963, 29.6040,
97.6499

■ 47.1823, 25.0876,
96.9634

■ 44.3892, 21.9250,
96.5001

■ 42.2201, 19.9235,
96.2281

■ 41.1868, 19.1474,
96.1328

Harmonies

Analogous

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



66.1125, 64.0607, 120.7760



73.3956, 64.0607, 103.1043



77.4439, 64.0607, 78.4996

Triad

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



73.3956, 64.0607, 103.1043



63.8704, 64.0607, 34.5616



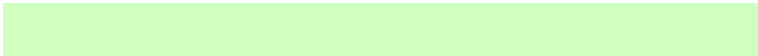
47.3622, 64.0607, 85.3414

Complementary

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



73.3956, 64.0607, 103.1043



71.1193, 88.6364, 63.8153

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.



46.8773, 64.0607, 61.6782



73.3956, 64.0607, 103.1043



55.9459, 64.0607, 35.6035

Square

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



73.3956, 64.0607, 103.1043



71.6299, 64.0607, 41.2469



49.8884, 64.0607, 44.4998



51.2771, 64.0607, 109.0556

Rectangle

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



73.3956, 64.0607, 103.1043



77.5430, 64.0607, 62.9488



49.8884, 64.0607, 44.4998



46.8065, 64.0607, 77.0268

Sweetspot

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



73.3974, 64.0634, 103.1047



88.1503, 88.3789, 107.0205



62.4707, 63.4122, 103.5550



18.7460, 18.7128, 22.8739



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.



73.3974, 64.0634, 103.1047



69.9456, 58.5176, 102.2162



75.8126, 65.6029, 89.9168



18.3679, 18.0814, 22.7719



21.6564, 10.0747, 50.2378



2.2022, 1.0292, 4.8959

Inverse Universe

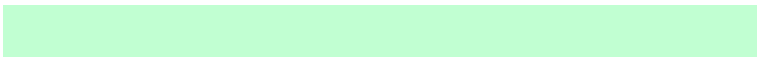
The Inverse Universe completely reimagines the original color for something new.



71.5740, 63.9074, 67.5966



67.9380, 58.3937, 60.9639



69.3289, 87.4883, 73.9038



18.1773, 18.0542, 19.5509



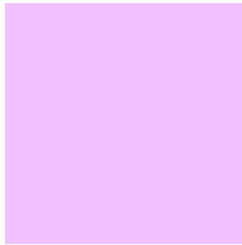
21.9882, 11.2846, 3.3224



2.1801, 1.1144, 0.5298

Previews

White Background



This preview shows how the XYZ color 73.3956, 64.0607, 103.1043 looks on a white background.

Color Contrast Check

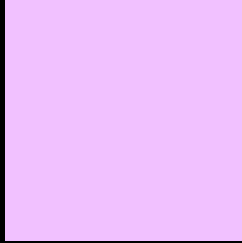
Large Text (above 18pt) WCAG AA × Fail

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 73.3956, 64.0607, 103.1043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

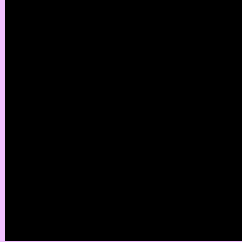
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3956, 64.0607, 103.1043

Background



This preview shows how black text looks on a background with the XYZ color 73.3956, 64.0607, 103.1043.

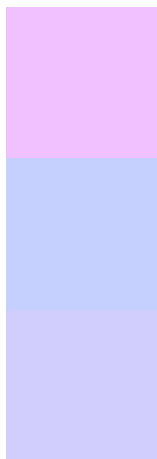


This preview shows how white text looks on a background with the XYZ color 73.3956, 64.0607,

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

73.3956, 64.0607, 103.1043

Protanopia

63.8946, 64.3375, 103.6585

Deuteranopia

65.8554, 64.3098, 101.8706



Tritanopia

67.3099, 63.9286, 73.7576

Trichromacy



Original Color

73.3956, 64.0607, 103.1043



Protanomaly

67.1375, 64.2280, 103.4665



Deuteranomaly

68.5948, 64.3012, 102.5620



Tritanomaly

69.1742, 63.6502, 83.5028

Monochromacy



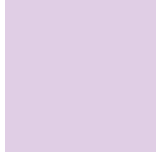
Original Color

73.3956, 64.0607, 103.1043



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

66.9546, 65.6470, 83.2710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3956, 64.0607, 103.1043 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(241, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 193, 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(241, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.3956, 64.0607, 103.1043 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(241, 193, 255) }
```


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

```
.border{ border-color:rgb(241, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3956, 64.0607, 103.1043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 193, 255) }
```

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

```
.background{ background-color: rgb(241,  
193, 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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