

Converting Colors

XYZ(73.0840, 64.5382, 96.5983)

Have a look what the booklet for
XYZ(73.0840, 64.5382, 96.5983)
contains.

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Color

**XYZ(73.0424, 64.3537,
96.5674)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C2F7
RGB	243, 194, 247
RGB Percent	95%, 76%, 97%
CMY	0.0471, 0.2392, 0.0314
CMYK	0.02, 0.21, 0.00, 0.03
HSL	295°, 77%, 86%
HSV	295°, 21%, 97%
XYZ	73.0424, 64.3537, 96.5674
YIQ	214.6930, 12.1910, 26.8710

Conversions

Conversions Part 2

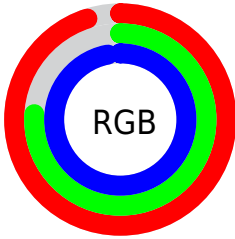
Format	Color
R _Y B	243, 194, 247
Decimal	15975159
CIE Lab	84.15, 26.30, -19.48
CIE LCh	84, 32.734, 323.471
Yxy	64.3537, 0.3122, 0.2751
Android (android.graphics.Color)	4294165239 (0xFFFF3C2F7)
YUV	214.6930, 15.9274, 24.8252
Hunter-Lab	80.2208, 22.1410, -15.2170

Details

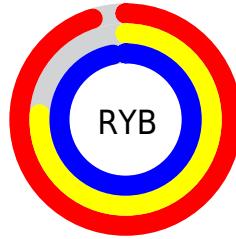
The XYZ color **73.0424, 64.3537, 96.5674** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.2894, 82.4240, 63.4578**, and the grayscale version is **64.2755, 67.6228, 73.6412**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **39.0318, 32.9569, 53.5943** is the 20% darker color. If you saturate the color by 10%, you get **67.3561, 53.9302, 94.8561**, and if you desaturate by 10%, it is **79.6528, 76.6134, 98.5863**.

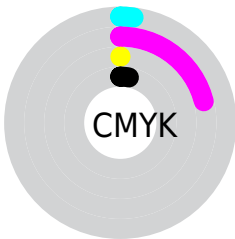
Distribution



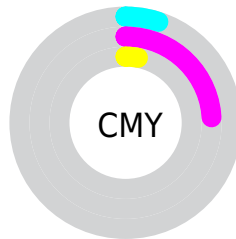
- Red (95%)
- Green (76%)
- Blue (97%)



- Red (95%)
- Yellow (76%)
- Blue (97%)



- Cyan (2%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (24%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0424, 64.3537, 96.5674 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 73.0424, 64.3537, 96.5674 by changing the saturation by 10% instead.

73.0424, 64.3537,
96.5674

73.0424, 64.3537,
96.5674

460.2633,
440.4658, 570.2828

54.2991, 46.9372,
72.8361

122.5402,
111.1202, 158.4424

39.0725, 32.9860,
53.3510

154.0255,
141.2389, 197.4232

26.9971, 22.1157,
37.6934

190.4888,
176.3606, 242.3243

17.7076, 13.9420,
25.4448

232.2954,
216.8695, 293.5642

10.8387, 8.0803,
16.1867

279.8109,
263.1501, 351.5615

6.0250, 4.1464,
9.5006

333.4004,

2.9011, 1.7558,

315.5867, 416.7347

4.9679

393.4294,
374.5638, 489.5022

■ 1.1017, 0.4594,
2.1700

■ 0.0265, 0.0000,
0.6570

■ 73.0424, 64.3537,
96.5674

■ 73.0424, 64.3537,
96.5674

■ 67.3561, 53.9302,
94.8561

■ 79.6528, 76.6134,
98.5863

■ 62.5428, 45.2442,
93.4332

■ 87.2234, 90.7849,
100.9227

■ 58.5556, 38.2007,
92.2838

■ 91.4710, 98.3007,
102.1495

■ 55.3405, 32.6920,
91.3900

■ 92.1374, 98.6442,
102.1807

■ 52.8375, 28.5977,
90.7317

■ 92.8104, 98.9911,
102.2122

■ 50.9773, 25.7794,
90.2857

■ 93.4900, 99.3415,
102.2440

■ 49.6767, 24.0708,
90.0245

■ 93.7887, 99.4955,
102.2580

■ 48.8978, 23.2683,
89.9106

Harmonies

Analogous

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



66.8772, 64.3537, 113.3476



73.0424, 64.3537, 96.5674



76.0581, 64.3537, 74.6999

Triad

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



73.0424, 64.3537, 96.5674



62.7621, 64.3537, 37.4673



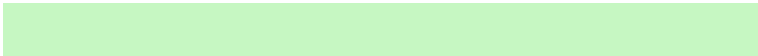
49.2702, 64.3537, 87.1703

Complementary

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



73.0424, 64.3537, 96.5674



66.2894, 82.4240, 63.4578

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.



48.3574, 64.3537, 65.6359



73.0424, 64.3537, 96.5674



55.7901, 64.3537, 39.5050

Square

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



73.0424, 64.3537, 96.5674



69.8280, 64.3537, 42.6788



50.6527, 64.3537, 48.9261



53.2521, 64.3537, 107.2174

Rectangle

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



73.0424, 64.3537, 96.5674



75.7203, 64.3537, 61.1911



50.6527, 64.3537, 48.9261



48.6079, 64.3537, 79.7693

Sweetspot

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



73.0444, 64.3565, 96.5688



89.9383, 90.4053, 107.3175



59.3289, 58.7669, 96.2128



19.1364, 19.1368, 22.9351



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.



73.0444, 64.3565, 96.5688



75.6061, 63.8096, 102.9393



71.2308, 63.7923, 79.7356



17.0830, 16.7009, 20.8658



25.9143, 12.3337, 47.5528



2.3137, 1.1026, 4.1811

Inverse Universe

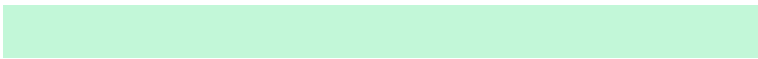
The Inverse Universe completely reimagines the original color for something new.



67.8448, 62.4379, 61.9052



69.0775, 61.4080, 59.0768



67.9166, 82.9547, 77.4570



16.5499, 16.5028, 17.3762



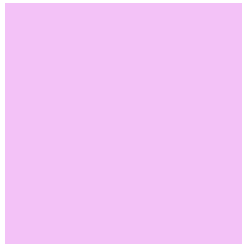
20.3658, 10.4897, 1.3685



1.8072, 0.9288, 0.2111

Previews

White Background



This preview shows how the XYZ color 73.0424, 64.3537, 96.5674 looks on a white background.

Color Contrast Check

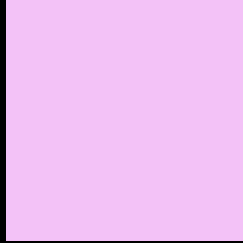
Large Text (above 18pt) WCAG AA × Fail

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 73.0424, 64.3537, 96.5674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

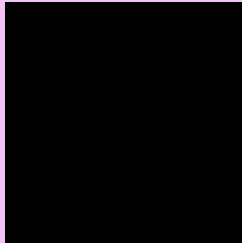
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0424, 64.3537, 96.5674

Background



This preview shows how black text looks on a background with the XYZ color 73.0424, 64.3537, 96.5674.



This preview shows how white text looks on a background with the XYZ color 73.0424, 64.3537,

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

73.0424, 64.3537, 96.5674

Protanopia

64.4253, 64.6111, 103.6834

Deuteranopia

66.0443, 64.5514, 95.3649



Tritanopia

68.1799, 64.3920, 73.1254

Trichromacy



Original Color

73.0424, 64.3537, 96.5674



Protanomaly

67.2455, 64.3391, 100.9699



Deuteranomaly

68.5725, 64.4347, 96.0117



Tritanomaly

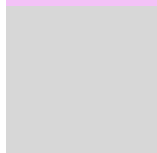
69.9944, 64.4595, 81.4259

Monochromacy



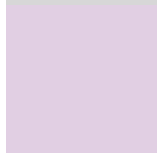
Original Color

73.0424, 64.3537, 96.5674



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.2293, 66.1793, 81.9036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0424, 64.3537, 96.5674 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(243, 194, 247)` looks like.

```
.text, #text, p{  
    color:rgb(243, 194, 247)  
}
```

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(243, 194, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 194, 247) }
```

Border

The CSS property to change the border of an element to XYZ 73.0424, 64.3537, 96.5674 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(243, 194, 247) }
```


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

```
.border{ border-color:rgb(243, 194, 247) }
```

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

Here you see how a box with a 4 pixel rgb(243, 194, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 194, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 194, 247);  
box-shadow:4px 4px 4px 4px rgb(243, 194,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0424, 64.3537, 96.5674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 194, 247) }
```

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

```
.background{ background-color: rgb(243,  
194, 247) }
```

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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