

Converting Colors

XYZ(76.9636, 74.0289, 95.4882)

Have a look what the booklet for
XYZ(76.9636, 74.0289, 95.4882)
contains.

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Color

**XYZ(76.9052, 73.8333,
95.7859)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D7F4
RGB	241, 215, 244
RGB Percent	95%, 84%, 96%
CMY	0.0549, 0.1568, 0.0431
CMYK	0.01, 0.12, 0.00, 0.04
HSL	294°, 57%, 90%
HSV	294°, 12%, 96%
XYZ	76.9052, 73.8333, 95.7859
YIQ	226.0800, 6.1870, 14.5310

Conversions

Conversions Part 2

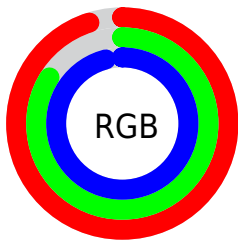
Format	Color
R _Y B	241, 215, 244
Decimal	15849460
CIE _{Lab}	88.84, 14.01, -10.87
CIE _{LCh}	89, 17.729, 322.181
Yxy	73.8333, 0.3120, 0.2995
Android (android.graphics.Color)	4294039540 (0xFFFF1D7F4)
YUV	226.0800, 8.8346, 13.0848
Hunter-Lab	85.9263, 9.3889, -5.9448

Details

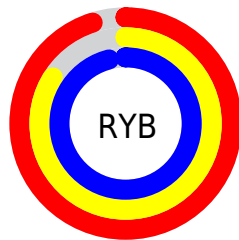
The XYZ color **76.9052, 73.8333, 95.7859** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.5326, 84.5151, 76.7311**, and the grayscale version is **72.2834, 76.0478, 82.8161**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6555, 39.0867, 52.9260** is the 20% darker color. If you saturate the color by 10%, you get **70.2946, 61.8813, 93.8285**, and if you desaturate by 10%, it is **84.4587, 87.6509, 98.0560**.

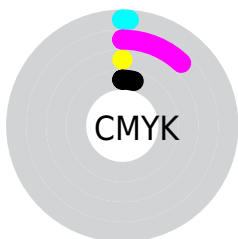
Distribution



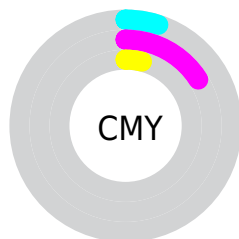
- Red (95%)
- Green (84%)
- Blue (96%)



- Red (95%)
- Yellow (84%)
- Blue (96%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9052, 73.8333, 95.7859 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 76.9052, 73.8333, 95.7859 by changing the saturation by 10% instead.

76.9052, 73.8333,
95.7859

76.9052, 73.8333,
95.7859

473.3376,
473.8978, 567.7264

57.4747, 54.6576,
72.1888

127.9792,
124.6595, 157.3548

41.6281, 39.1277,
52.8251

160.3534,
157.0787, 196.1637

29.0001, 26.8591,
37.2764

197.7730,
194.6813, 240.8802

19.2251, 17.4674,
25.1241

240.6032,
237.8516, 291.9229

11.9380, 10.5683,
15.9497

289.2094,
286.9740, 349.7103

6.7734, 5.7773,
9.3346

343.9570,

3.3659, 2.7102,

342.4329, 414.6610

4.8603

405.2113,
404.6127, 487.1935

■ 1.3501, 0.9824,
2.1082

■ 0.2202, 0.0000,
0.6206

■ 76.9052, 73.8333,
95.7859

■ 76.9052, 73.8333,
95.7859

■ 70.2946, 61.8813,
93.8285

■ 84.4587, 87.6509,
98.0560

■ 64.5794, 51.7037,
92.1652

■ 90.1130, 97.6537,
99.6887

■ 59.7178, 43.2157,
90.7831

■ 91.0048, 98.1134,
99.7304

■ 55.6620, 36.3219,
89.6662

■ 91.9087, 98.5794,
99.7727

■ 52.3597, 30.9175,
88.7971

■ 92.8247, 99.0516,
99.8156

■ 49.7520, 26.8849,
88.1562

■ 93.3294, 99.3117,
99.8392

■ 47.7713, 24.0890,
87.7209

■ 46.3361, 22.3670,
87.4642

■ 45.4700, 21.5543,
87.3530

Harmonies

Analogous

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



73.3410, 73.8333, 104.3455



76.9052, 73.8333, 95.7859



78.6812, 73.8333, 83.6531

Triad

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



76.9052, 73.8333, 95.7859



71.3060, 73.8333, 59.1607



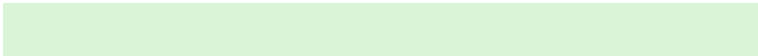
62.8026, 73.8333, 89.6570

Complementary

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



76.9052, 73.8333, 95.7859



73.5326, 84.5151, 76.7311

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.



62.3076, 73.8333, 77.2166



76.9052, 73.8333, 95.7859



67.1041, 73.8333, 60.4171

Square

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



76.9052, 73.8333, 95.7859



75.3636, 73.8333, 63.1164



63.8519, 73.8333, 66.7425



65.2327, 73.8333, 100.5629

Rectangle

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



76.9052, 73.8333, 95.7859



78.5634, 73.8333, 75.5034



63.8519, 73.8333, 66.7425



62.4085, 73.8333, 85.4870

Sweetspot

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



76.9074, 73.8365, 95.7875



91.4948, 93.4643, 107.8259



69.5275, 71.3241, 95.6915



19.4447, 19.7503, 23.0373



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.



76.9074, 73.8365, 95.7875



83.3541, 78.6059, 105.3870



76.3023, 73.7137, 87.2123



17.0348, 16.6761, 20.8635



24.7924, 11.7553, 47.5003



2.2267, 1.0578, 4.1770

Inverse Universe

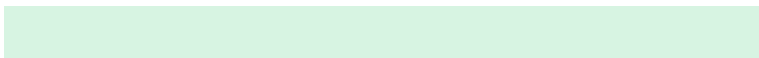
The Inverse Universe completely reimagines the original color for something new.



74.2661, 72.8993, 76.4900



79.9682, 77.4071, 80.5336



74.1211, 84.6477, 84.4704



16.5688, 16.5104, 17.4758



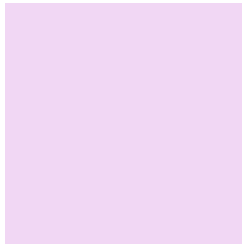
20.4059, 10.5058, 1.5800



1.8162, 0.9324, 0.2585

Previews

White Background



This preview shows how the XYZ color 76.9052, 73.8333, 95.7859 looks on a white background.

Color Contrast Check

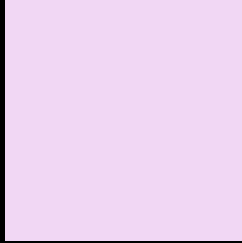
Large Text (above 18pt) WCAG AA × Fail

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 76.9052, 73.8333, 95.7859 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 76.9052, 73.8333, 95.7859

Background



This preview shows how black text looks on a background with the XYZ color 76.9052, 73.8333, 95.7859.



This preview shows how white text looks on a background with the XYZ color 76.9052, 73.8333,

95.7859.

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

76.9052, 73.8333, 95.7859

Protanopia

72.5798, 74.2355, 99.3105

Deuteranopia

75.4029, 73.8195, 95.8624



Tritanopia

75.2607, 73.9169, 88.1426

Trichromacy



Original Color

76.9052, 73.8333, 95.7859

Protanomaly

74.1149, 73.8724, 98.3482

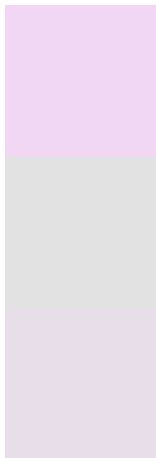
Deuteranomaly

75.8101, 73.6479, 95.8078

Tritanomaly

75.9237, 73.8100, 91.1341

Monochromacy



Original Color

76.9052, 73.8333, 95.7859

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.7843, 75.1147, 87.7005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9052, 73.8333, 95.7859 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, 215, 244) looks like.

```
.text, #text, p{  
    color:rgb(241, 215, 244)  
}
```

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, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 215, 244) }
```

Border

The CSS property to change the border of an element to XYZ 76.9052, 73.8333, 95.7859 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, 215, 244) }
```


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

```
.border{ border-color:rgb(241, 215, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(241, 215,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9052, 73.8333, 95.7859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 215, 244) }
```

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

```
.background{ background-color: rgb(241,  
215, 244) }
```

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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