

Converting Colors

XYZ(78.5335, 76.4249, 95.0749)

Have a look what the booklet for
XYZ(78.5335, 76.4249, 95.0749)
contains.

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Color

**XYZ(78.7330, 76.7122,
95.4513)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DCF3
RGB	243, 220, 243
RGB Percent	95%, 86%, 95%
CMY	0.0471, 0.1372, 0.0471
CMYK	0.00, 0.09, 0.00, 0.05
HSL	300°, 49%, 91%
HSV	300°, 9%, 95%
XYZ	78.7330, 76.7122, 95.4513
YIQ	229.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

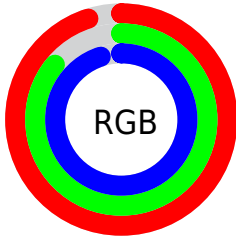
Format	Color
R _Y B	243, 220, 243
Decimal	15981811
CIE Lab	90.19, 11.87, -8.33
CIE LCh	90, 14.499, 324.943
Yxy	76.7122, 0.3138, 0.3058
Android (android.graphics.Color)	4294171891 (0xFF3DC3F3)
YUV	229.4990, 6.6560, 11.8404
Hunter-Lab	87.5855, 7.1839, -3.3048

Details

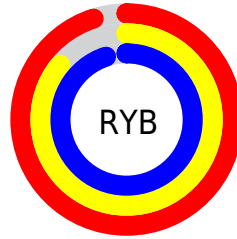
The XYZ color **78.7330, 76.7122, 95.4513** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4870, 84.4862, 80.0957**, and the grayscale version is **74.7949, 78.6900, 85.6934**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9183, 41.0629, 52.6776** is the 20% darker color. If you saturate the color by 10%, you get **72.8141, 64.8733, 93.4793**, and if you desaturate by 10%, it is **85.5833, 90.4117, 97.7357**.

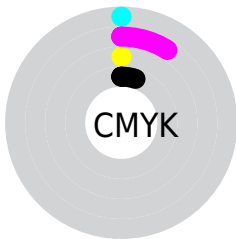
Distribution



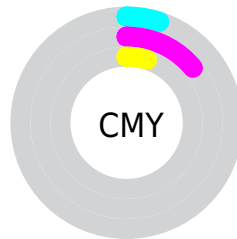
- Red (95%)
- Green (86%)
- Blue (95%)



- Red (95%)
- Yellow (86%)
- Blue (95%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7330, 76.7122, 95.4513 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 78.7330, 76.7122, 95.4513 by changing the saturation by 10% instead.


 78.7330, 76.7122,
95.4513

 78.7330, 76.7122,
95.4513


479.4544,
483.7822, 566.6300

 58.9812, 57.0167,
71.9117


130.5428,
128.7331, 156.8889

 42.8443, 41.0186,
52.6001


163.3315,
161.8274, 195.6239

 29.9569, 28.3337,
37.0981

201.1966,
200.1566, 240.2612

 19.9538, 18.5773,
24.9871

244.5033,
244.1053, 291.2193

 12.4695, 11.3653,
15.8485

293.6171,
294.0578, 348.9166

 7.1388, 6.3131,
9.2638

348.9034,

 3.5961, 3.0364,

350.3985, 413.7718

4.8145

410.7273,
413.5119, 486.2034

■ 1.4763, 1.1508,
2.0820

■ 0.3096, 0.0209,
0.6050

■ 78.7330, 76.7122,
95.4513

■ 78.7330, 76.7122,
95.4513

■ 72.8141, 64.8733,
93.4793

■ 85.5833, 90.4117,
97.7357

■ 67.7801, 54.8053,
91.8013

■ 88.9005, 97.0461,
98.8414

■ 63.5906, 46.4263,
90.4048

■ 88.9006, 97.0461,
98.8414

■ 60.1993, 39.6437,
89.2743

■ 88.9006, 97.0461,
98.8414

57.5556, 34.3563,
88.3931

88.9006, 97.0461,
98.8414

55.6030, 30.4510,
87.7422

88.9006, 97.0461,
98.8414

54.2770, 27.7991,
87.3002

88.9006, 97.0461,
98.8414

53.5012, 26.2475,
87.0416

88.9006, 97.0461,
98.8414

53.1546, 25.5544,
86.9261

88.9006, 97.0461,
98.8414

Harmonies

Analogous

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



75.8740, 76.7122, 102.8429



78.7330, 76.7122, 95.4513



80.0348, 76.7122, 85.2880

Triad

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



78.7330, 76.7122, 95.4513



73.5251, 76.7122, 65.2778



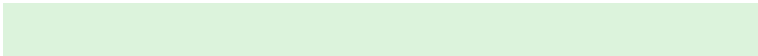
66.8086, 76.7122, 92.1778

Complementary

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



78.7330, 76.7122, 95.4513



74.4870, 84.4862, 80.0957

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.



66.2260, 76.7122, 81.7895



78.7330, 76.7122, 95.4513



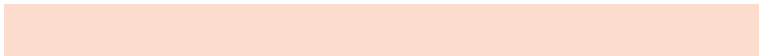
70.0294, 76.7122, 66.7943

Square

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



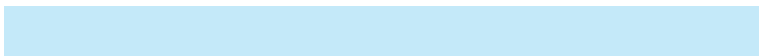
78.7330, 76.7122, 95.4513



76.9655, 76.7122, 68.3126



67.3864, 76.7122, 72.6388



69.0046, 76.7122, 100.8466

Rectangle

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



78.7330, 76.7122, 95.4513



79.8144, 76.7122, 78.5133



67.3864, 76.7122, 72.6388



66.4207, 76.7122, 88.7488

Sweetspot

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



78.7352, 76.7155, 95.4530



92.6579, 95.2158, 108.1026



71.3902, 73.0785, 95.1381



19.6993, 20.1134, 23.0940



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.



78.7352, 76.7155, 95.4530



86.7454, 83.3908, 106.1318



77.1068, 76.0641, 86.8776



17.2137, 16.7683, 20.8719



29.1650, 14.0094, 47.7049



2.5633, 1.2313, 4.1928

Inverse Universe

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



75.4764, 75.4120, 78.2921



82.5536, 81.7141, 84.0582



76.0088, 85.0949, 88.1093



16.4992, 16.4825, 17.1094



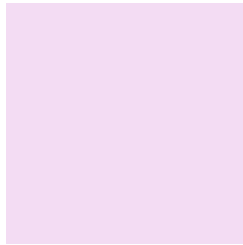
20.2862, 10.4579, 0.9494



1.7830, 0.9191, 0.0834

Previews

White Background



This preview shows how the XYZ color 78.7330, 76.7122, 95.4513 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 78.7330, 76.7122, 95.4513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

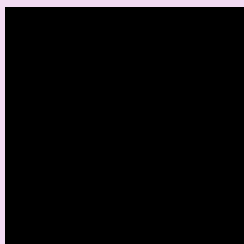
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7330, 76.7122, 95.4513

Background



This preview shows how black text looks on a background with the XYZ color 78.7330, 76.7122, 95.4513.



This preview shows how white text looks on a background with the XYZ color 78.7330, 76.7122,

95.4513.

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

78.7330, 76.7122, 95.4513

Protanopia

74.8822, 77.0541, 98.1150

Deuteranopia

78.3888, 76.5347, 95.4352



Tritanopia

77.9070, 76.7632, 91.5996

Trichromacy



Original Color

78.7330, 76.7122, 95.4513

Protanomaly

76.4158, 77.0597, 97.2327

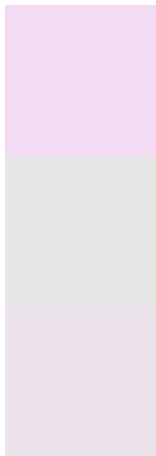
Deuteranomaly

78.3888, 76.5347, 95.4352

Tritanomaly

78.2026, 76.8814, 93.1560

Monochromacy



Original Color

78.7330, 76.7122, 95.4513

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.4527, 78.0530, 89.6335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7330, 76.7122, 95.4513 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, 220, 243) looks like.

```
.text, #text, p{  
    color:rgb(243, 220, 243)  
}
```

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, 220, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 220, 243) }
```

Border

The CSS property to change the border of an element to XYZ 78.7330, 76.7122, 95.4513 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, 220, 243) }
```


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

```
.border{ border-color:rgb(243, 220, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 220, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 220, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 220, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 220,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7330, 76.7122, 95.4513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 220, 243) }
```

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

```
.background{ background-color: rgb(243,  
220, 243) }
```

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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