

Converting Colors

XYZ(77.7976, 74.5220, 95.4131)

Have a look what the booklet for XYZ(77.7976, 74.5220, 95.4131) contains.

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Color

**XYZ(77.6957, 74.6375,
95.1055)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D8F3
RGB	243, 216, 243
RGB Percent	95%, 85%, 95%
CMY	0.0471, 0.1529, 0.0471
CMYK	0.00, 0.11, 0.00, 0.05
HSL	300°, 53%, 90%
HSV	300°, 11%, 95%
XYZ	77.6957, 74.6375, 95.1055
YIQ	227.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

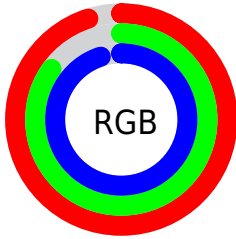
Format	Color
R_{YB}	243, 216, 243
Decimal	15980787
CIE _{Lab}	89.22, 13.96, -9.76
CIE _{LCh}	89, 17.036, 325.037
Yxy	74.6375, 0.3140, 0.3016
Android (android.graphics.Color)	4294170867 (0xFFFF3D8F3)
YUV	227.1510, 7.8136, 13.8996
Hunter-Lab	86.3930, 9.3424, -4.7941

Details

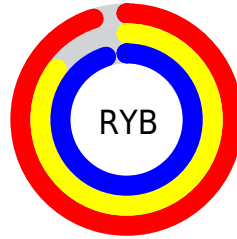
The XYZ color **77.6957, 74.6375, 95.1055** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.7671, 83.6601, 77.2825**, and the grayscale version is **73.0665, 76.8717, 83.7133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2080, 39.6424, 52.4409** is the 20% darker color. If you saturate the color by 10%, you get **71.9256, 63.0962, 93.1828**, and if you desaturate by 10%, it is **84.3908, 88.0265, 97.3382**.

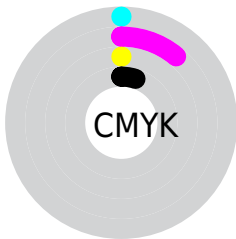
Distribution



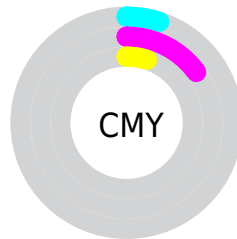
- Red (95%)
- Green (85%)
- Blue (95%)



- Red (95%)
- Yellow (85%)
- Blue (95%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6957, 74.6375, 95.1055 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 77.6957, 74.6375, 95.1055 by changing the saturation by 10% instead.

77.6957, 74.6375,
95.1055

77.6957, 74.6375,
95.1055

475.9884,
476.6707, 565.4956

58.1260, 55.3160,
71.6254

129.0887,
125.7991, 156.4072

42.1536, 39.6548,
52.3678

161.6427,
158.4079, 195.0659

29.4132, 27.2695,
36.9140

199.2554,
196.2147, 239.6211

19.5395, 17.7757,
24.8457

242.2923,
239.6037, 290.4916

12.1670, 10.7891,
15.7441

291.1187,
288.9595, 348.0957

6.9306, 5.9252,
9.1909

346.1000,

3.4646, 2.7996,

344.6663, 412.8521

4.7674

407.6014,
407.1085, 485.1792

■ 1.4040, 1.0280,
2.0551

■ 0.2591, 0.0000,
0.5889

■ 77.6957, 74.6375,
95.1055

■ 77.6957, 74.6375,
95.1055

■ 71.9256, 63.0962,
93.1828

■ 84.3908, 88.0265,
97.3382

■ 67.0336, 53.3123,
91.5520

■ 88.9007, 97.0462,
98.8417

■ 62.9787, 45.2026,
90.2002

■ 88.9007, 97.0462,
98.8419

■ 59.7141, 38.6733,
89.1119

■ 88.9007, 97.0462,
98.8420

57.1882, 33.6215,
88.2697

88.9008, 97.0462,
98.8422

55.3434, 29.9320,
87.6546

88.9008, 97.0462,
98.8424

54.1136, 27.4726,
87.2445

88.9008, 97.0462,
98.8426

53.4197, 26.0848,
87.0131

88.9009, 97.0462,
98.8427

53.1403, 25.5260,
86.9198

88.9009, 97.0462,
98.8429

Harmonies

Analogous

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



74.3779, 74.6375, 103.8252



77.6957, 74.6375, 95.1055



79.2064, 74.6375, 83.2642

Triad

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



77.6957, 74.6375, 95.1055



71.6345, 74.6375, 60.5265



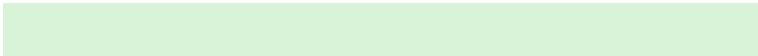
63.9416, 74.6375, 91.3467

Complementary

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



77.6957, 74.6375, 95.1055



72.7671, 83.6601, 77.2825

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.



63.2710, 74.6375, 79.3031



77.6957, 74.6375, 95.1055



67.6111, 74.6375, 62.2395

Square

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



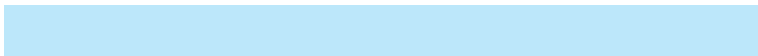
77.6957, 74.6375, 95.1055



75.6209, 74.6375, 63.9121



64.5890, 74.6375, 68.8415



66.4577, 74.6375, 101.5108

Rectangle

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



77.6957, 74.6375, 95.1055



78.9444, 74.6375, 75.4713



64.5890, 74.6375, 68.8415



63.4971, 74.6375, 87.3533

Sweetspot

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



77.6979, 74.6407, 95.1071



92.6579, 95.2158, 108.1026



69.0558, 70.1855, 94.7029



19.6992, 20.1134, 23.0939



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.



77.6979, 74.6407, 95.1071



85.3714, 80.6429, 105.6736



75.7333, 73.8549, 84.7618



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7040



2.5633, 1.2313, 4.1927

Inverse Universe

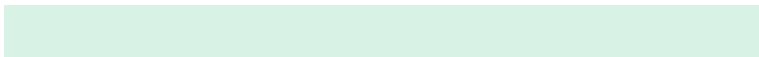
The Inverse Universe completely reimagines the original color for something new.



77.6979, 74.6407, 95.1071



85.3714, 80.6429, 105.6736



74.5849, 84.3873, 86.8553



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7040



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 77.6957, 74.6375, 95.1055 looks on a white background.

Color Contrast Check

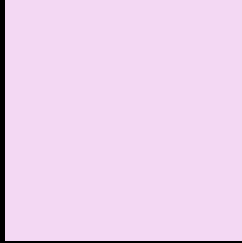
Large Text (above 18pt) WCAG AA × Fail

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 77.6957, 74.6375, 95.1055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

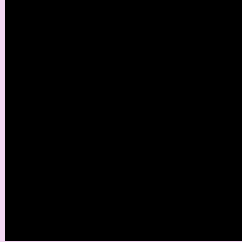
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.6957, 74.6375, 95.1055

Background



This preview shows how black text looks on a background with the XYZ color 77.6957, 74.6375, 95.1055.



This preview shows how white text looks on a background with the XYZ color 77.6957, 74.6375,

95.1055.

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

77.6957, 74.6375, 95.1055

Protanopia

73.3004, 75.0203, 98.6127

Deuteranopia

76.5090, 74.7910, 95.1977



Tritanopia

76.2821, 74.4435, 88.1904

Trichromacy



Original Color

77.6957, 74.6375, 95.1055

Protanomaly

74.8609, 74.6632, 97.6546

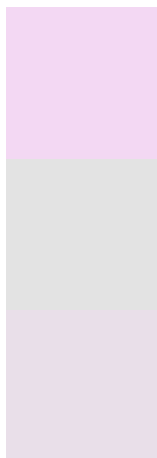
Deuteranomaly

76.9257, 74.6220, 95.1431

Tritanomaly

76.7169, 74.6174, 90.4799

Monochromacy



Original Color

77.6957, 74.6375, 95.1055

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.6999, 75.9822, 87.8197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6957, 74.6375, 95.1055 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, 216, 243) looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 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, 216, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 243) }
```

Border

The CSS property to change the border of an element to XYZ 77.6957, 74.6375, 95.1055 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, 216, 243) }
```


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

```
.border{ border-color:rgb(243, 216, 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, 216, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6957, 74.6375, 95.1055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 243) }
```

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

```
.background{ background-color: rgb(243,  
216, 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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