

# Converting Colors

XYZ(78.6073, 74.1243, 90.9097)

Have a look what the booklet for  
XYZ(78.6073, 74.1243, 90.9097)  
contains.

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# Color

**XYZ(78.6512, 74.0855,  
91.0435)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAD5EE
RGB	250, 213, 238
RGB Percent	98%, 84%, 93%
CMY	0.0196, 0.1647, 0.0667
CMYK	0.00, 0.15, 0.05, 0.02
HSL	319°, 79%, 91%
HSV	319°, 15%, 98%
XYZ	78.6512, 74.0855, 91.0435
YIQ	226.9130, 14.0270, 15.6190

# Conversions

## Conversions Part 2

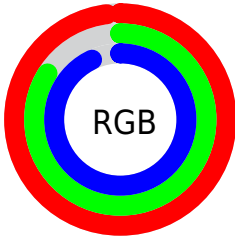
Format	Color
R <sub>Y</sub> B	250, 213, 238
Decimal	16438766
CIE Lab	88.96, 16.99, -7.45
CIE LCh	89, 18.552, 336.326
Yxy	74.0855, 0.3226, 0.3039
Android (android.graphics.Color)	4294628846 (0xFFFA D5EE)
YUV	226.9130, 5.4659, 20.2473
Hunter-Lab	86.0729, 12.4810, -2.4628

# Details

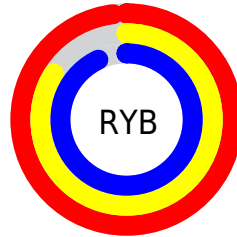
The XYZ color **78.6512, 74.0855, 91.0435** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.2197, 87.9556, 84.2509**, and the grayscale version is **72.9066, 76.7034, 83.5300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6627, 39.1686, 49.5677** is the 20% darker color. If you saturate the color by 10%, you get **71.6771, 62.0002, 82.9731**, and if you desaturate by 10%, it is **86.6526, 88.1373, 99.7229**.

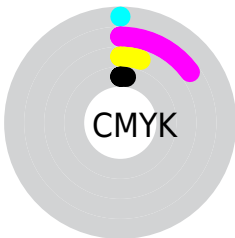
# Distribution



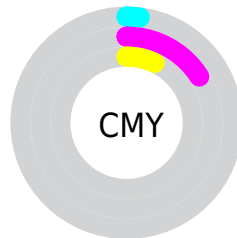
- Red (98%)
- Green (84%)
- Blue (93%)



- Red (98%)
- Yellow (84%)
- Blue (93%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (16%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6512, 74.0855, 91.0435 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 78.6512, 74.0855, 91.0435 by changing the saturation by 10% instead.



78.6512, 74.0855,  
91.0435

78.6512, 74.0855,  
91.0435

479.1816,  
474.7684, 552.0769

58.9137, 54.8640,  
68.2679

130.4282,  
125.0170, 150.7352

42.7898, 39.2929,  
49.6476

163.1985,  
157.4958, 188.4883

29.9140, 26.9876,  
34.7643

201.0437,  
195.1625, 232.0710

19.9211, 17.5639,  
23.1993

244.3292,  
238.4015, 281.9018

12.4456, 10.6374,  
14.5340

293.4204,  
287.5972, 338.3992

7.1223, 5.8236,  
8.3500

348.6826,

3.5857, 2.7381,

343.1340, 401.9819

4.2288

410.4813,  
405.3963, 473.0683

■ 1.4705, 0.9966,  
1.7517

■ 0.3057, 0.0000,  
0.3958

■ 78.6512, 74.0855,  
91.0435

■ 78.6512, 74.0855,  
91.0435

■ 71.6771, 62.0002,  
82.9731

■ 86.6526, 88.1373,  
99.7229

■ 65.6788, 51.7829,  
75.4885

■ 93.1094, 99.0141,  
108.1547

■ 60.6101, 43.3411,  
68.5715

■ 93.2348, 99.0643,  
108.8151

■ 56.4183, 36.5708,  
62.2012

■ 53.0454, 31.3567,  
56.3543

■ 50.4256, 27.5690,  
51.0054

■ 48.4830, 25.0567,  
46.1252

■ 47.1241, 23.6343,  
41.6786

■ 46.5779, 23.1855,  
39.5124

# Harmonies

## Analogous

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



75.6732, 74.0855, 102.3500



78.6512, 74.0855, 91.0435



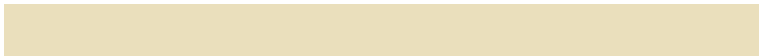
79.3814, 74.0855, 77.9636

# Triad

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



78.6512, 74.0855, 91.0435



69.4658, 74.0855, 58.4360



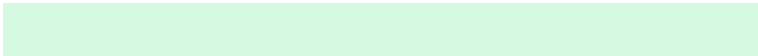
63.6651, 74.0855, 96.2733

# Complementary

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



78.6512, 74.0855, 91.0435



75.2197, 87.9556, 84.2509

# 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.



62.1525, 74.0855, 83.4312



78.6512, 74.0855, 91.0435



65.4082, 74.0855, 62.2846

# Square

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



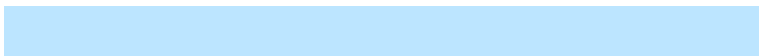
78.6512, 74.0855, 91.0435



73.9518, 74.0855, 60.0121



62.7768, 74.0855, 71.1096



66.9948, 74.0855, 105.5874



# Rectangle

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



78.6512, 74.0855, 91.0435



78.4689, 74.0855, 70.1569



62.7768, 74.0855, 71.1096



62.9339, 74.0855, 92.1765

# Sweetspot

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



78.6534, 74.0887, 91.0451



91.3538, 93.4526, 105.0627



72.0156, 70.4563, 100.2474



19.4090, 19.7474, 22.3358



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.



78.6534, 74.0887, 91.0451



79.8098, 73.2079, 92.4493



76.1108, 73.0717, 77.6560



17.7395, 17.4232, 20.4841



24.7749, 12.3257, 21.3208



2.3432, 1.1610, 2.2305



# Inverse Universe

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



78.6534, 74.0887, 91.0451



79.8098, 73.2079, 92.4493



77.8390, 89.0034, 98.0442



17.7395, 17.4232, 20.4841



24.7749, 12.3257, 21.3208



2.3432, 1.1610, 2.2305



# Previews

## White Background



This preview shows how the XYZ color 78.6512, 74.0855, 91.0435 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

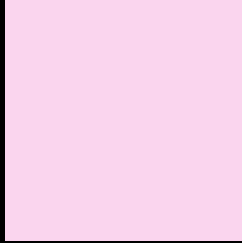
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 78.6512, 74.0855, 91.0435 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 78.6512, 74.0855, 91.0435**

## **Background**



This preview shows how black text looks on a background with the XYZ color 78.6512, 74.0855, 91.0435.



This preview shows how white text looks on a background with the XYZ color 78.6512, 74.0855,



# 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

78.6512, 74.0855, 91.0435

### Protanopia

72.5746, 74.3038, 96.1049

### Deuteranopia

75.6955, 74.0909, 90.4321



## Tritanopia

77.5373, 74.0024, 85.7985

# Trichromacy



## Original Color

78.6512, 74.0855, 91.0435

## Protanomaly

74.6372, 74.2296, 94.3983

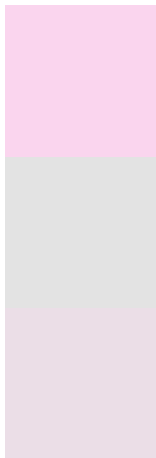
## Deuteranomaly

76.8041, 74.2808, 90.4104

## Tritanomaly

77.9648, 74.1734, 88.0496

# Monochromacy



## Original Color

78.6512, 74.0855, 91.0435

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

74.8060, 75.6742, 86.2652

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 78.6512, 74.0855, 91.0435 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(250, 213, 238)` looks like.

```
.text, #text, p{  
    color:rgb(250, 213, 238)  
}
```

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(250, 213, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 213, 238) }
```

## Border

The CSS property to change the border of an element to XYZ 78.6512, 74.0855, 91.0435 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(250, 213, 238) }
```



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

```
.border{ border-color:rgb(250, 213, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 213, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 213, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 213, 238);  
box-shadow:4px 4px 4px 4px rgb(250, 213,  
238) }
```

# Background

The CSS property to change the background color of an element to XYZ 78.6512, 74.0855, 91.0435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 213, 238) }
```

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

```
.background{ background-color: rgb(250,  
213, 238) }
```

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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