

Converting Colors

XYZ(75.5239, 71.9008, 97.4009)

Have a look what the booklet for
XYZ(75.5239, 71.9008, 97.4009)
contains.

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Color

**XYZ(75.4379, 71.9179,
97.0943)**

Conversions

Conversions Part 1

Format	Color
Hex	EED4F6
RGB	238, 212, 246
RGB Percent	93%, 83%, 96%
CMY	0.0667, 0.1686, 0.0353
CMYK	0.03, 0.14, 0.00, 0.04
HSL	286°, 65%, 90%
HSV	286°, 14%, 96%
XYZ	75.4379, 71.9179, 97.0943
YIQ	223.6500, 4.5820, 16.0860

Conversions

Conversions Part 2

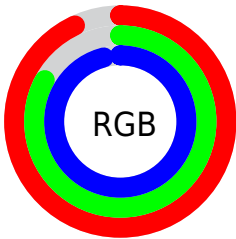
Format	Color
R _Y B	238, 212, 246
Decimal	15652086
CIE Lab	87.93, 14.97, -13.32
CIE LCh	88, 20.032, 318.336
Yxy	71.9179, 0.3086, 0.2942
Android (android.graphics.Color)	4293842166 (0xFFEED4F6)
YUV	223.6500, 11.0185, 12.5849
Hunter-Lab	84.8044, 10.3772, -8.5192

Details

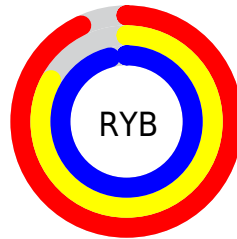
The XYZ color **75.4379, 71.9179, 97.0943** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.3572, 85.8825, 74.9488**, and the grayscale version is **70.5252, 74.1980, 80.8016**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6426, 37.7767, 53.8647** is the 20% darker color. If you saturate the color by 10%, you get **67.8391, 59.5582, 95.1102**, and if you desaturate by 10%, it is **84.0404, 86.1897, 99.3967**.

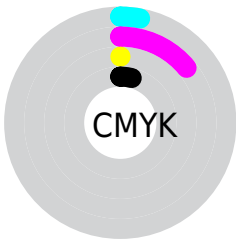
Distribution



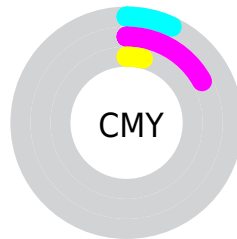
- Red (93%)
- Green (83%)
- Blue (96%)



- Red (93%)
- Yellow (83%)
- Blue (96%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4379, 71.9179, 97.0943 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 75.4379, 71.9179, 97.0943 by changing the saturation by 10% instead.

75.4379, 71.9179,
97.0943

75.4379, 71.9179,
97.0943

468.3954,
467.2558, 572.0029

56.2671, 53.0916,
73.2728

125.9166,
121.9398, 159.1752

40.6550, 37.8759,
53.7059

157.9553,
153.9042, 198.2717

28.2361, 25.8864,
37.9750

195.0140,
191.0168, 243.2969

18.6451, 16.7387,
25.6616

237.4581,
233.6619, 294.6693

11.5166, 10.0483,
16.3472

285.6529,
282.2239, 352.8076

6.4853, 5.4310,
9.6131

339.9639,

3.1858, 2.5023,

337.0874, 418.1303

5.0410

400.7562,
398.6365, 491.0559

■ 1.2527, 0.8778,
2.2122

■ 0.1474, 0.0000,
0.6814

■ 75.4379, 71.9179,
97.0943

■ 75.4379, 71.9179,
97.0943

■ 67.8391, 59.5582,
95.1102

■ 84.0404, 86.1897,
99.3967

■ 61.1946, 49.0166,
93.4257

■ 91.6684, 98.4202,
101.3554

■ 55.4606, 40.2048,
92.0270

■ 93.6348, 99.4339,
101.4474

■ 50.5870, 33.0235,
90.8978

■ 46.5185, 27.3633,
90.0197

■ 43.1931, 23.1009,
89.3722

■ 40.5391, 20.0937,
88.9317

■ 38.4689, 18.1677,
88.6690

■ 37.4020, 17.3598,
88.5693

Harmonies

Analogous

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



71.2815, 71.9179, 105.9747



75.4379, 71.9179, 97.0943



77.7357, 71.9179, 83.7367

Triad

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



75.4379, 71.9179, 97.0943



70.2265, 71.9179, 55.2992



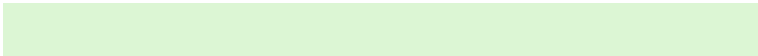
60.0155, 71.9179, 86.8625

Complementary

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



75.4379, 71.9179, 97.0943



74.3572, 85.8825, 74.9488

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.



59.7625, 71.9179, 73.1160



75.4379, 71.9179, 97.0943



65.5113, 71.9179, 55.9290

Square

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



75.4379, 71.9179, 97.0943



74.6348, 71.9179, 60.2795



61.7314, 71.9179, 62.1133



62.4393, 71.9179, 99.6104

Rectangle

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



75.4379, 71.9179, 97.0943



77.8365, 71.9179, 74.5601



61.7314, 71.9179, 62.1133



59.6780, 71.9179, 82.1761

Sweetspot

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



75.4400, 71.9210, 97.0959



91.0044, 93.2115, 107.8029



69.5135, 72.1033, 97.4434



19.3202, 19.6861, 23.0315



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.



75.4400, 71.9210, 97.0959



79.0923, 73.5086, 104.6277



76.9109, 72.8265, 90.5094



16.8102, 16.5603, 20.8530



20.0938, 9.3331, 47.2804



1.8559, 0.8666, 4.1597

Inverse Universe

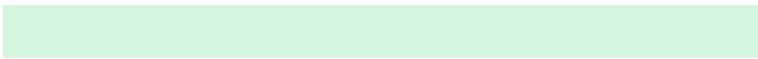
The Inverse Universe completely reimagines the original color for something new.



74.4703, 71.8503, 77.6571



77.8609, 73.4381, 79.0737



73.0943, 85.1043, 80.6352



16.6589, 16.5464, 17.9504



20.7371, 10.6383, 3.3239



1.8609, 0.9503, 0.4938

Previews

White Background



This preview shows how the XYZ color 75.4379, 71.9179, 97.0943 looks on a white background.

Color Contrast Check

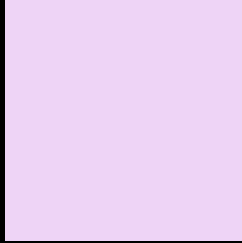
Large Text (above 18pt) WCAG AA × Fail

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 75.4379, 71.9179, 97.0943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

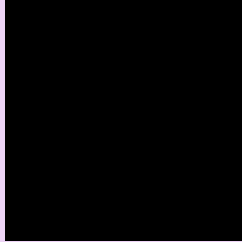
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4379, 71.9179, 97.0943

Background



This preview shows how black text looks on a background with the XYZ color 75.4379, 71.9179, 97.0943.

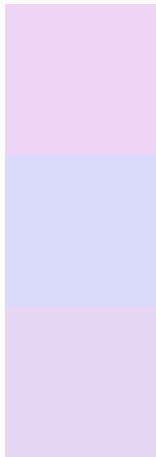


This preview shows how white text looks on a background with the XYZ color 75.4379, 71.9179,

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

75.4379, 71.9179, 97.0943

Protanopia

70.9057, 72.1641, 100.6344

Deuteranopia

73.7369, 72.1824, 96.4324



Tritanopia

73.0624, 71.6955, 85.5891

Trichromacy



Original Color

75.4379, 71.9179, 97.0943

Protanomaly

72.3952, 71.7986, 99.6654

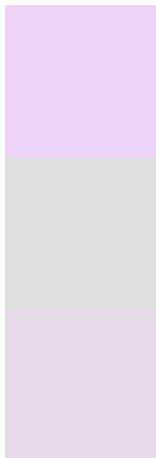
Deuteranomaly

74.4597, 72.1781, 96.3935

Tritanomaly

73.8596, 71.6492, 89.2937

Monochromacy



Original Color

75.4379, 71.9179, 97.0943

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.4718, 73.6706, 86.7441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4379, 71.9179, 97.0943 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(238, 212, 246)` looks like.

```
.text, #text, p{  
    color:rgb(238, 212, 246)  
}
```

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(238, 212, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 212, 246) }
```

Border

The CSS property to change the border of an element to XYZ 75.4379, 71.9179, 97.0943 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(238, 212, 246) }
```


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

```
.border{ border-color:rgb(238, 212, 246) }
```

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

Here you see how a box with a 4 pixel rgb(238, 212, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 212, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 212, 246);  
box-shadow:4px 4px 4px 4px rgb(238, 212,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4379, 71.9179, 97.0943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 212, 246) }
```

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

```
.background{ background-color: rgb(238,  
212, 246) }
```

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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