

# Converting Colors

XYZ(75.2821, 73.8094, 93.4979)

Have a look what the booklet for  
XYZ(75.2821, 73.8094, 93.4979)  
contains.

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# Color

**XYZ(75.2821, 73.8094,  
93.4979)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECD9F1
RGB	236, 217, 241
RGB Percent	93%, 85%, 95%
CMY	0.0745, 0.1490, 0.0549
CMYK	0.02, 0.10, 0.00, 0.05
HSL	287°, 46%, 90%
HSV	287°, 10%, 95%
XYZ	75.2821, 73.8094, 93.4979
YIQ	225.4170, 3.6200, 11.4920

# Conversions

## Conversions Part 2

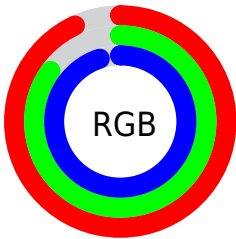
Format	Color
R <sub>Y</sub> B	236, 217, 241
Decimal	15522289
CIE Lab	88.83, 10.75, -9.35
CIE LCh	89, 14.251, 318.985
Yxy	73.8094, 0.3103, 0.3043
Android (android.graphics.Color)	4293712369 (0xFFECD9F1)
YUV	225.4170, 7.6824, 9.2813
Hunter-Lab	85.9124, 6.0668, -4.3862

# Details

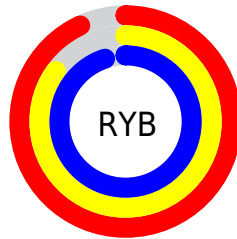
The XYZ color **75.2821, 73.8094, 93.4979** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1065, 83.4518, 77.8512**, and the grayscale version is **71.8145, 75.5544, 82.2788**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4997, 39.0467, 51.3012** is the 20% darker color. If you saturate the color by 10%, you get **67.8751, 61.4346, 91.5008**, and if you desaturate by 10%, it is **83.6474, 88.0288, 95.8027**.

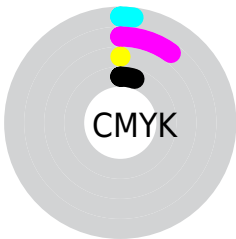
# Distribution



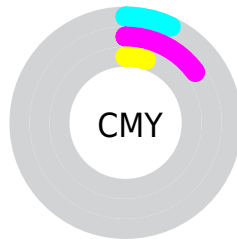
- Red (93%)
- Green (85%)
- Blue (95%)



- Red (93%)
- Yellow (85%)
- Blue (95%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (15%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2821, 73.8094, 93.4979 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 75.2821, 73.8094, 93.4979 by changing the saturation by 10% instead.



75.2821, 73.8094,  
93.4979

75.2821, 73.8094,  
93.4979

467.8689,  
473.8153, 560.2059

56.1390, 54.6381,  
70.2954

125.6974,  
124.6256, 154.1654

40.5518, 39.1120,  
51.2891

157.7003,  
157.0392, 192.4676

28.1552, 26.8469,  
36.0604

194.7205,  
194.6357, 236.6400

18.5837, 17.4583,  
24.1908

237.1234,  
237.7995, 287.1013

11.4721, 10.5618,  
15.2617

285.2743,  
286.9150, 344.2701

6.4549, 5.7730,  
8.8546

339.5387,

3.1669, 2.7075,

342.3665, 408.5647

4.5510

400.2817,  
404.5384, 480.4038

■ 1.2426, 0.9810,  
1.9322

■ 0.1396, 0.0000,  
0.5131

■ 75.2821, 73.8094,  
93.4979

■ 75.2821, 73.8094,  
93.4979

■ 67.8751, 61.4346,  
91.5008

■ 83.6474, 88.0288,  
95.8027

■ 61.3803, 50.8165,  
89.7936

■ 89.6590, 97.4718,  
97.3086

■ 55.7576, 41.8741,  
88.3639

■ 91.4447, 98.3924,  
97.3921

■ 50.9611, 34.5160,  
87.1965

■ 92.8774, 99.1310,  
97.4592

■ 46.9404, 28.6425,  
86.2747

■ 43.6396, 24.1419,  
85.5800

■ 40.9946, 20.8869,  
85.0911

■ 38.9293, 18.7258,  
84.7828

■ 37.3166, 17.4050,  
84.6129

# Harmonies

## Analogous

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



72.3352, 73.8094, 99.7152



75.2821, 73.8094, 93.4979



76.8728, 73.8094, 84.0531

# Triad

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



75.2821, 73.8094, 93.4979



71.4295, 73.8094, 63.1132



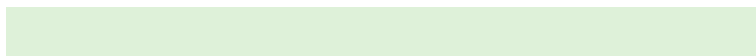
64.0623, 73.8094, 86.7101

# Complementary

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



75.2821, 73.8094, 93.4979



74.1065, 83.4518, 77.8512

# 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.



63.8379, 73.8094, 76.7881



75.2821, 73.8094, 93.4979



68.0164, 73.8094, 63.6971

# Square

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



75.2821, 73.8094, 93.4979



74.6004, 73.8094, 66.8588



65.2635, 73.8094, 68.5249



65.8871, 73.8094, 95.5797



# Rectangle

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



75.2821, 73.8094, 93.4979



76.9162, 73.8094, 77.4335



65.2635, 73.8094, 68.5249



63.7995, 73.8094, 83.3714

# Sweetspot

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



75.2843, 73.8126, 93.4995



92.0739, 94.9148, 108.0753



70.6699, 73.4547, 93.6736



19.5410, 20.0318, 23.0866



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.



75.2843, 73.8126, 93.4995



83.7465, 80.8174, 105.7931



75.9707, 74.2816, 88.3282



16.1130, 15.8555, 19.9328



20.3481, 9.4952, 45.8882



1.7727, 0.8311, 3.8212



# Inverse Universe

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



74.2758, 73.6037, 79.4029



82.3954, 80.5434, 86.6389



73.5006, 83.0351, 82.5354



15.9075, 15.8127, 17.0692



20.0254, 10.2826, 2.7845

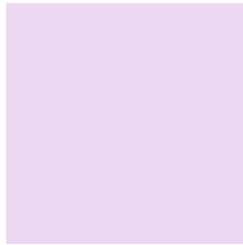


1.7010, 0.8694, 0.4161



# Previews

## White Background



This preview shows how the XYZ color 75.2821, 73.8094, 93.4979 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

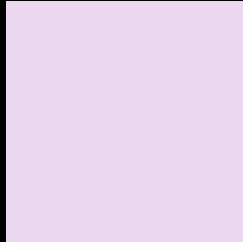
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.2821, 73.8094, 93.4979 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

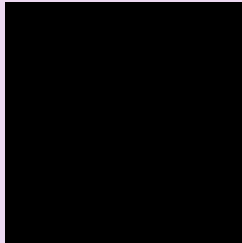
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.2821, 73.8094, 93.4979**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.2821, 73.8094, 93.4979.



This preview shows how white text looks on a background with the XYZ color 75.2821, 73.8094,



# 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

75.2821, 73.8094, 93.4979

### Protanopia

72.2692, 74.1464, 96.0906

### Deuteranopia

75.6151, 73.9811, 93.5135



## **Tritanopia**

74.3277, 73.8031, 88.9252

# Trichromacy



## Original Color

75.2821, 73.8094, 93.4979

## Protanomaly

73.1349, 73.8262, 95.1893

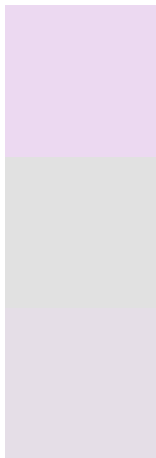
## Deuteranomaly

75.6151, 73.9811, 93.5135

## Tritanomaly

74.6184, 73.9194, 90.4558

# Monochromacy



## Original Color

75.2821, 73.8094, 93.4979

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.8582, 74.6701, 86.1740

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.2821, 73.8094, 93.4979 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(236, 217, 241)` looks like.

```
.text, #text, p{  
    color:rgb(236, 217, 241)  
}
```

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(236, 217, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 217, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 75.2821, 73.8094, 93.4979 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(236, 217, 241) }
```



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

```
.border{ border-color:rgb(236, 217, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 217, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 217, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 217, 241);  
box-shadow:4px 4px 4px 4px rgb(236, 217,  
241) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.2821, 73.8094, 93.4979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 217, 241) }
```

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

```
.background{ background-color: rgb(236,  
217, 241) }
```

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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