

# Converting Colors

XYZ(74.2910, 75.4037, 90.5837)

Have a look what the booklet for  
XYZ(74.2910, 75.4037, 90.5837)  
contains.

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# Color

**XYZ(74.3623, 75.3459,  
90.7447)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7DEED
RGB	231, 222, 237
RGB Percent	91%, 87%, 93%
CMY	0.0941, 0.1294, 0.0706
CMYK	0.03, 0.06, 0.00, 0.07
HSL	276°, 29%, 90%
HSV	276°, 6%, 93%
XYZ	74.3623, 75.3459, 90.7447
YIQ	226.4010, 0.5490, 6.5730

# Conversions

## Conversions Part 2

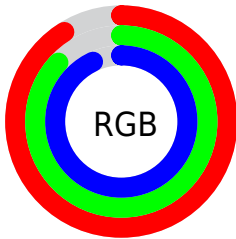
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 222, 237
Decimal	15195885
CIE Lab	89.55, 5.75, -6.22
CIE LCh	90, 8.470, 312.727
Yxy	75.3459, 0.3093, 0.3133
Android (android.graphics.Color)	4293385965 (0xFFE7DEED)
YUV	226.4010, 5.2253, 4.0333
Hunter-Lab	86.8020, 1.0154, -1.2216

# Details

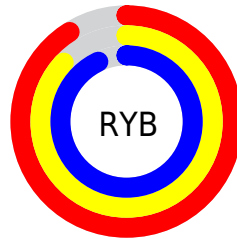
The XYZ color **74.3623, 75.3459, 90.7447** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.4668, 82.3384, 81.0264**, and the grayscale version is **72.5439, 76.3218, 83.1144**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8384, 40.0876, 49.3540** is the 20% darker color. If you saturate the color by 10%, you get **65.5273, 62.0961, 88.6540**, and if you desaturate by 10%, it is **84.2523, 90.4572, 93.1413**.

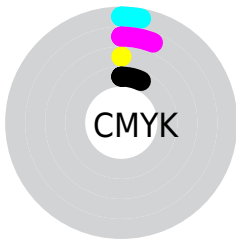
# Distribution



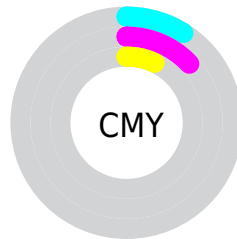
- Red (91%)
- Green (87%)
- Blue (93%)



- Red (91%)
- Yellow (87%)
- Blue (93%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (13%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3623, 75.3459, 90.7447 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 74.3623, 75.3459, 90.7447 by changing the saturation by 10% instead.



74.3623, 75.3459,  
90.7447

74.3623, 75.3459,  
90.7447

464.7539,  
479.1056, 551.0829

55.3830, 55.8963,  
68.0213

124.4020,  
126.8019, 150.3169

39.9435, 40.1198,  
49.4482

156.1931,  
159.5771, 188.0028

27.6785, 27.6320,  
34.6071

192.9854,  
197.5629, 231.5133

18.2226, 18.0484,  
23.0792

235.1444,  
241.1438, 281.2668

11.2106, 10.9847,  
14.4462

283.0354,  
290.7041, 337.6820

6.2770, 6.0566,  
8.2894

337.0237,

3.0565, 2.8795,

346.6282, 401.1774

4.1902

397.4748,  
409.3006, 472.1715

■ 1.1837, 1.0692,  
1.7303

■ 0.0935, 0.0000,  
0.3814

■ 74.3623, 75.3459,  
90.7447

■ 74.3623, 75.3459,  
90.7447

■ 65.5273, 62.0961,  
88.6540

■ 84.2523, 90.4572,  
93.1413

■ 57.7014, 50.6234,  
86.8520

■ 90.4587, 97.9524,  
94.2610

■ 50.8448, 40.8511,  
85.3272

■ 92.2863, 98.8945,  
94.3465

■ 44.9126, 32.6930,  
84.0652

■ 39.8556, 26.0553,  
83.0505

■ 35.6198, 20.8341,  
82.2659

■ 32.1443, 16.9120,  
81.6921

■ 29.3584, 14.1519,  
81.3062

■ 27.1741, 12.3832,  
81.0799

# Harmonies

## Analogous

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



72.4988, 75.3459, 93.7274



74.3623, 75.3459, 90.7447



75.5017, 75.3459, 85.4874

# Triad

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



74.3623, 75.3459, 90.7447



72.8082, 75.3459, 71.5794



67.7829, 75.3459, 84.5884

# Complementary

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



74.3623, 75.3459, 90.7447



75.4668, 82.3384, 81.0264

# 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.



67.8621, 75.3459, 78.6843



74.3623, 75.3459, 90.7447



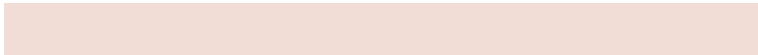
70.7365, 75.3459, 71.3649

# Square

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



74.3623, 75.3459, 90.7447



74.5926, 75.3459, 74.5095



68.9343, 75.3459, 73.9085



68.7158, 75.3459, 90.0592



# Rectangle

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



74.3623, 75.3459, 90.7447



75.6840, 75.3459, 81.4951



68.9343, 75.3459, 73.9085



67.6926, 75.3459, 82.5850

# Sweetspot

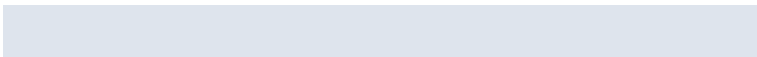
The Sweet Spot groups the original color and five complimentary colors.



74.3645, 75.3491, 90.7463



92.6978, 96.4041, 108.3299



73.2254, 77.2715, 91.1774



19.8658, 20.6721, 23.1930



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.



74.3645, 75.3491, 90.7463



85.9445, 86.1525, 106.7071



76.1526, 76.2919, 89.8801



15.0980, 14.9958, 19.0210



14.6045, 6.5648, 44.2404



1.2549, 0.5712, 3.4790



# Inverse Universe

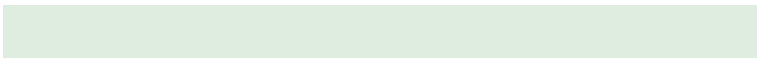
The Inverse Universe completely reimagines the original color for something new.



75.0526, 75.8520, 84.0880



86.9757, 86.9046, 96.7960



73.7642, 81.4412, 81.8244



15.3152, 15.1539, 16.9449



20.2519, 10.3034, 7.1277

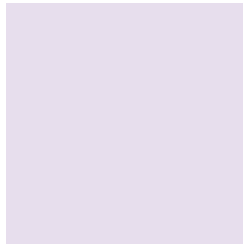


1.6366, 0.8276, 0.8038



# Previews

## White Background



This preview shows how the XYZ color 74.3623, 75.3459, 90.7447 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

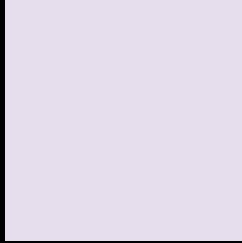
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.3623, 75.3459, 90.7447 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

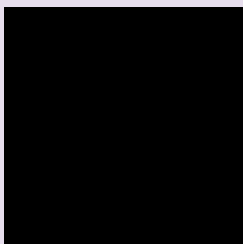
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

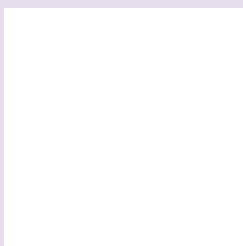
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.3623, 75.3459, 90.7447**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.3623, 75.3459, 90.7447.



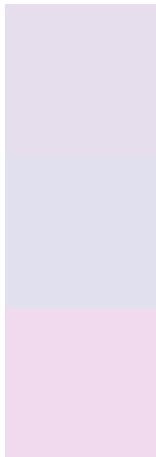
This preview shows how white text looks on a background with the XYZ color 74.3623, 75.3459,



# 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

74.3623, 75.3459, 90.7447

### Protanopia

73.1396, 75.4919, 91.6054

### Deuteranopia

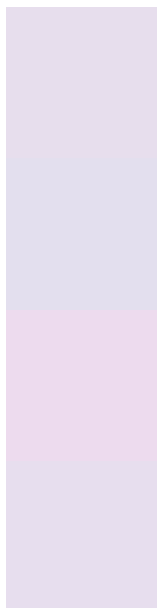
76.7796, 75.0166, 91.3219



## Tritanopia

74.6563, 75.4635, 92.2925

# Trichromacy



## Original Color

74.3623, 75.3459, 90.7447

## Protanomaly

73.4988, 75.2793, 91.5455

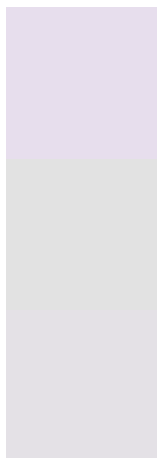
## Deuteranomaly

75.6892, 74.8406, 91.3454

## Tritanomaly

74.5089, 75.4045, 91.5164

# Monochromacy



## Original Color

74.3623, 75.3459, 90.7447

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

73.2030, 76.0576, 85.6853

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.3623, 75.3459, 90.7447 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(231, 222, 237) looks like.

```
.text, #text, p{  
    color:rgb(231, 222, 237)  
}
```

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(231, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 222, 237) }
```

## Border

The CSS property to change the border of an element to XYZ 74.3623, 75.3459, 90.7447 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(231, 222, 237) }
```



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

```
.border{ border-color:rgb(231, 222, 237) }
```

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

Here you see how a box with a 4 pixel rgb(231, 222, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(231, 222,  
237) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.3623, 75.3459, 90.7447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 222, 237) }
```

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

```
.background{ background-color: rgb(231,  
222, 237) }
```

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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