

# Converting Colors

XYZ(73.1150, 74.2758, 92.1444)

Have a look what the booklet for XYZ(73.1150, 74.2758, 92.1444) contains.

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# **Color**

**XYZ(73.1150, 74.2758,  
92.1444)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3DDEF
RGB	227, 221, 239
RGB Percent	89%, 87%, 94%
CMY	0.1098, 0.1333, 0.0627
CMYK	0.05, 0.08, 0.00, 0.06
HSL	260°, 36%, 90%
HSV	260°, 8%, 94%
XYZ	73.1150, 74.2758, 92.1444
YIQ	224.8460, -2.2020, 6.8700

# Conversions

## Conversions Part 2

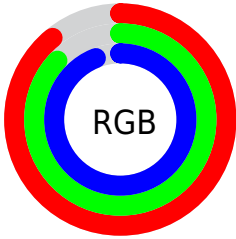
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 221, 239
Decimal	14933487
CIE Lab	89.05, 5.32, -8.05
CIE LCh	89, 9.650, 303.462
Yxy	74.2758, 0.3052, 0.3101
Android (android.graphics.Color)	4293123567 (0xFFE3DDEF)
YUV	224.8460, 6.9779, 1.8891
Hunter-Lab	86.1834, 0.6122, -3.0625

# Details

The XYZ color **73.1150, 74.2758, 92.1444** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.5246, 84.2790, 80.5918**, and the grayscale version is **71.4119, 75.1309, 81.8175**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1967, 39.4620, 50.3508** is the 20% darker color. If you saturate the color by 10%, you get **62.4531, 60.0709, 89.9657**, and if you desaturate by 10%, it is **85.1448, 90.5234, 94.6476**.

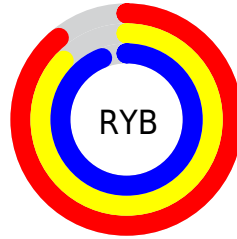
# Distribution



Red (89%)

Green (87%)

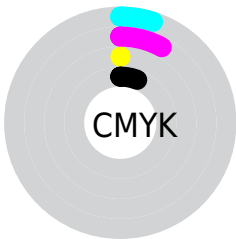
Blue (94%)



Red (89%)

Yellow (87%)

Blue (94%)

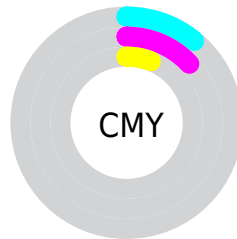


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (13%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1150, 74.2758, 92.1444 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 73.1150, 74.2758, 92.1444 by changing the saturation by 10% instead.



73.1150, 74.2758,  
92.1444

73.1150, 74.2758,  
92.1444

460.5109,  
475.4247, 555.7312

54.3587, 55.0198,  
69.1769

122.6427,  
125.2867, 152.2749

39.1203, 39.4176,  
50.3831

154.1448,  
157.8104, 190.2750

27.0345, 27.0847,  
35.3446

190.6263,  
195.5254, 234.1231

17.7359, 17.6369,  
23.6428

232.4524,  
238.8162, 284.2376

10.8590, 10.6896,  
14.8591

279.9886,  
288.0671, 341.0371

6.0387, 5.8585,  
8.5750

333.6002,

2.9095, 2.7592,

343.6626, 404.9402

4.3720

393.6525,  
405.9870, 476.3654

■ 1.1061, 1.0074,  
1.8316

■ 0.0302, 0.0000,  
0.4487

■ 73.1150, 74.2758,  
92.1444

■ 73.1150, 74.2758,  
92.1444

■ 62.4531, 60.0709,  
89.9657

■ 85.1448, 90.5234,  
94.6476

■ 53.1022, 47.8172,  
88.0933

■ 92.5802, 99.0121,  
95.8942

■ 45.0110, 37.4303,  
86.5149

■ 38.1220, 28.8156,  
85.2152

■ 32.3732, 21.8704,  
84.1776

■ 27.6962, 16.4808,  
83.3838

■ 24.0149, 12.5182,  
82.8130

■ 21.2412, 9.8323,  
82.4407

■ 19.2625, 8.2255,  
82.2349

# Harmonies

## Analogous

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



70.8698, 74.2758, 94.4753



73.1150, 74.2758, 92.1444



74.7125, 74.2758, 86.7880

# Triad

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



73.1150, 74.2758, 92.1444



72.6329, 74.2758, 69.8515



66.1867, 74.2758, 81.6567

# Complementary

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



73.1150, 74.2758, 92.1444



77.5246, 84.2790, 80.5918

# Split Complementary

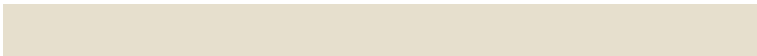
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.6354, 74.2758, 75.2345



73.1150, 74.2758, 92.1444



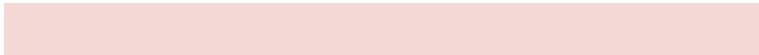
70.3247, 74.2758, 68.6446

# Square

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



73.1150, 74.2758, 92.1444



74.4298, 74.2758, 73.9535



68.1373, 74.2758, 70.5617



66.8979, 74.2758, 88.2127



# Rectangle

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



73.1150, 74.2758, 92.1444



75.1768, 74.2758, 82.3546



68.1373, 74.2758, 70.5617



66.2069, 74.2758, 79.4107

# Sweetspot

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



73.1172, 74.2790, 92.1460



92.2045, 96.1498, 108.3068



74.6253, 80.0544, 93.1813



19.7654, 20.6204, 23.1883



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.



73.1172, 74.2790, 92.1460



82.7532, 83.4337, 106.3505



75.9313, 75.7297, 92.2777



15.3935, 15.4846, 19.8991



10.5453, 4.4417, 45.4294



0.9789, 0.4219, 3.7841



# Inverse Universe

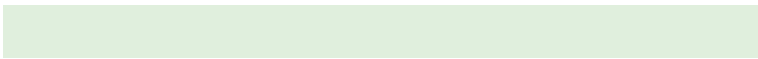
The Inverse Universe completely reimagines the original color for something new.



76.1636, 75.9501, 87.7400



86.9537, 85.7386, 100.2476



74.7537, 82.8506, 80.4621



16.2173, 15.9366, 18.7006



23.2105, 11.5566, 19.5571

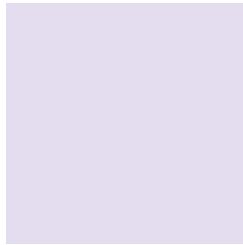


1.9768, 0.9798, 1.8689



# Previews

## White Background



This preview shows how the XYZ color 73.1150, 74.2758, 92.1444 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

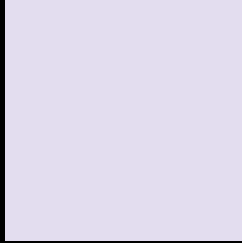
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.1150, 74.2758, 92.1444 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

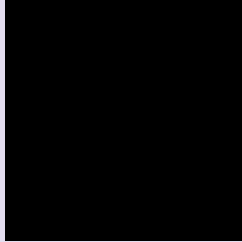
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 73.1150, 74.2758, 92.1444

## Background



This preview shows how black text looks on a background with the XYZ color 73.1150, 74.2758, 92.1444.



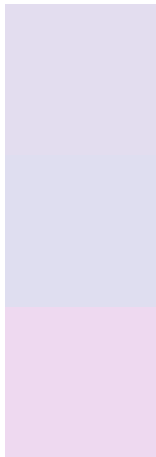
This preview shows how white text looks on a background with the XYZ color 73.1150, 74.2758,



# 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

73.1150, 74.2758, 92.1444

### Protanopia

72.2809, 74.2218, 92.9547

### Deuteranopia

75.8009, 74.0941, 92.7445



## Tritanopia

73.1150, 74.2758, 92.1444

# Trichromacy



## Original Color

73.1150, 74.2758, 92.1444

## Protanomaly

72.5899, 74.3811, 92.9692

## Deuteranomaly

74.7313, 73.9265, 92.7686

## Tritanomaly

73.1150, 74.2758, 92.1444

# Monochromacy



## Original Color

73.1150, 74.2758, 92.1444

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.3026, 75.1932, 85.5659

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.1150, 74.2758, 92.1444 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(227, 221, 239)` looks like.

```
.text, #text, p{  
    color:rgb(227, 221, 239)  
}
```

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(227, 221, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 221, 239) }
```

## Border

The CSS property to change the border of an element to XYZ 73.1150, 74.2758, 92.1444 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(227, 221, 239) }
```



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

```
.border{ border-color:rgb(227, 221, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 221, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 221, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 221, 239);  
box-shadow:4px 4px 4px 4px rgb(227, 221,  
239) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.1150, 74.2758, 92.1444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 221, 239) }
```

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

```
.background{ background-color: rgb(227,  
221, 239) }
```

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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