

Converting Colors

XYZ(73.9084, 74.2240, 92.2262)

Have a look what the booklet for
XYZ(73.9084, 74.2240, 92.2262)
contains.

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Color

**XYZ(73.8063, 74.2414,
92.1014)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DCEF
RGB	230, 220, 239
RGB Percent	90%, 86%, 94%
CMY	0.0980, 0.1372, 0.0627
CMYK	0.04, 0.08, 0.00, 0.06
HSL	272°, 37%, 90%
HSV	272°, 8%, 94%
XYZ	73.8063, 74.2414, 92.1014
YIQ	225.1560, -0.1390, 8.0290

Conversions

Conversions Part 2

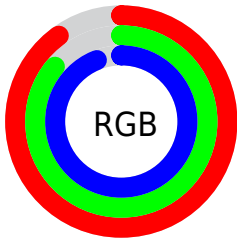
Format	Color
R _Y B	230, 220, 239
Decimal	15129839
CIE Lab	89.04, 6.83, -8.05
CIE LCh	89, 10.557, 310.316
Yxy	74.2414, 0.3073, 0.3091
Android (android.graphics.Color)	4293319919 (0xFFE6DCEF)
YUV	225.1560, 6.8251, 4.2482
Hunter-Lab	86.1634, 2.1143, -3.0616

Details

The XYZ color **73.8063, 74.2414, 92.1014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1007, 83.5603, 79.8317**, and the grayscale version is **71.6346, 75.3652, 82.0727**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4579, 39.3278, 50.3111** is the 20% darker color. If you saturate the color by 10%, you get **64.4606, 60.7697, 89.9948**, and if you desaturate by 10%, it is **84.2891, 89.6346, 94.5212**.

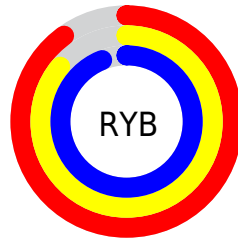
Distribution



Red (90%)

Green (86%)

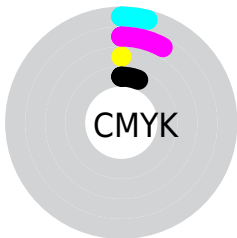
Blue (94%)



Red (90%)

Yellow (86%)

Blue (94%)

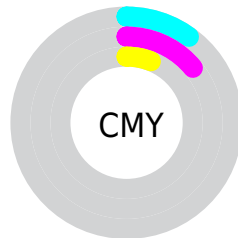


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (10%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8063, 74.2414, 92.1014 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 73.8063, 74.2414, 92.1014 by changing the saturation by 10% instead.

73.8063, 74.2414,
92.1014

73.8063, 74.2414,
92.1014

462.8652,
475.3061, 555.5887

54.9262, 54.9916,
69.1414

123.6182,
125.2379, 152.2148

39.5763, 39.3950,
50.3544

155.2807,
157.7535, 190.2053

27.3911, 27.0672,
35.3219

191.9347,
195.4598, 234.0430

18.0052, 17.6237,
23.6254

233.9456,
238.7413, 284.1465

11.0535, 10.6801,
14.8464

281.6788,
287.9822, 340.9342

6.1704, 5.8522,
8.5662

335.4995,

2.9906, 2.7554,

343.5671, 404.8248

4.3664

395.7732,
405.8802, 476.2368

■ 1.1488, 1.0054,
1.8284

■ 0.0653, 0.0000,
0.4466

■ 73.8063, 74.2414,
92.1014

■ 73.8063, 74.2414,
92.1014

■ 64.4606, 60.7697,
89.9948

■ 84.2891, 89.6346,
94.5212

■ 56.2032, 49.1319,
88.1837

■ 91.7202, 98.5688,
95.8540

■ 48.9912, 39.2477,
86.6560

■ 92.5802, 99.0121,
95.8943

■ 42.7760, 31.0271,
85.3968

■ 37.5048, 24.3718,
84.3900

■ 33.1194, 19.1725,
83.6176

■ 29.5539, 15.3057,
83.0592

■ 26.7317, 12.6260,
82.6907

■ 24.5494, 10.9349,
82.4793

Harmonies

Analogous

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



71.4519, 74.2414, 95.5572



73.8063, 74.2414, 92.1014



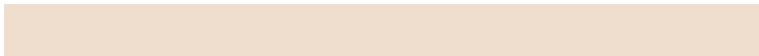
75.3146, 74.2414, 85.6920

Triad

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



73.8063, 74.2414, 92.1014



72.2399, 74.2414, 68.2430



65.8185, 74.2414, 83.3943

Complementary

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



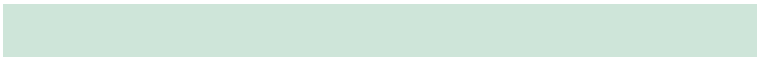
73.8063, 74.2414, 92.1014



76.1007, 83.5603, 79.8317

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.



66.0179, 74.2414, 76.1675



73.8063, 74.2414, 92.1014



69.6840, 74.2414, 67.7106

Square

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



73.8063, 74.2414, 92.1014



74.3952, 74.2414, 72.0305



67.4185, 74.2414, 70.5293



66.8670, 74.2414, 90.3319

Rectangle

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



73.8063, 74.2414, 92.1014



75.6162, 74.2414, 80.7583



67.4185, 74.2414, 70.5293



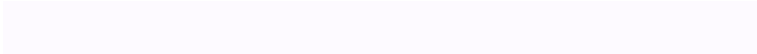
65.7424, 74.2414, 80.9143

Sweetspot

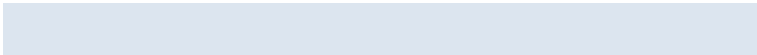
The Sweet Spot groups the original color and five complimentary colors.



73.8085, 74.2446, 92.1030



92.5612, 96.3337, 108.3235



73.1681, 77.5906, 92.7826



19.8380, 20.6578, 23.1917



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.



73.8085, 74.2446, 92.1030



83.1420, 82.5760, 106.1644



76.7252, 75.7536, 91.9955



15.6912, 15.6380, 19.9130



13.4987, 5.9642, 45.5676



1.2378, 0.5554, 3.7962

Inverse Universe

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



75.3353, 75.1976, 84.6766



85.3620, 83.9614, 95.3821



73.3447, 82.1347, 79.9219



16.0846, 15.8835, 18.0017



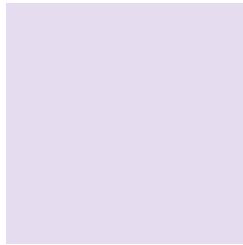
21.3912, 10.8289, 9.9764



1.8295, 0.9208, 1.0929

Previews

White Background



This preview shows how the XYZ color 73.8063, 74.2414, 92.1014 looks on a white background.

Color Contrast Check

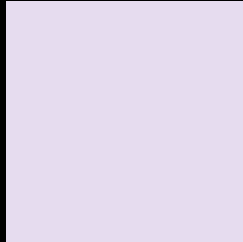
Large Text (above 18pt) WCAG AA × Fail

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 73.8063, 74.2414, 92.1014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

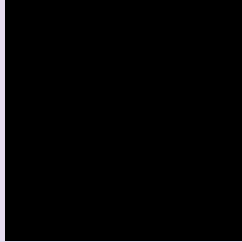
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

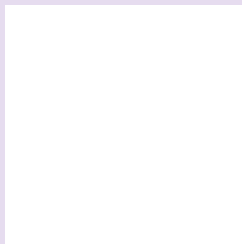
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8063, 74.2414, 92.1014

Background



This preview shows how black text looks on a background with the XYZ color 73.8063, 74.2414, 92.1014.



This preview shows how white text looks on a background with the XYZ color 73.8063, 74.2414,

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

73.8063, 74.2414, 92.1014

Protanopia

72.2809, 74.2218, 92.9547

Deuteranopia

75.8009, 74.0941, 92.7445



Tritanopia

73.6589, 74.1824, 91.3253

Trichromacy



Original Color

73.8063, 74.2414, 92.1014

Protanomaly

72.9487, 74.1729, 92.9101

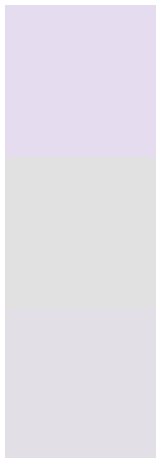
Deuteranomaly

75.0605, 74.0962, 92.7840

Tritanomaly

73.6589, 74.1824, 91.3253

Monochromacy



Original Color

73.8063, 74.2414, 92.1014

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.3492, 74.8194, 85.4913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8063, 74.2414, 92.1014 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(230, 220, 239)` looks like.

```
.text, #text, p{  
    color:rgb(230, 220, 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(230, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 220, 239) }
```

Border

The CSS property to change the border of an element to XYZ 73.8063, 74.2414, 92.1014 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(230, 220, 239) }
```


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

```
.border{ border-color:rgb(230, 220, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 220, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(230, 220,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8063, 74.2414, 92.1014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 220, 239) }
```

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

```
.background{ background-color: rgb(230,  
220, 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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