

Converting Colors

XYZ(74.6324, 75.5769, 91.4573)

Have a look what the booklet for
XYZ(74.6324, 75.5769, 91.4573)
contains.

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Color

**XYZ(74.5089, 75.4045,
91.5164)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DEEE
RGB	231, 222, 238
RGB Percent	91%, 87%, 93%
CMY	0.0941, 0.1294, 0.0667
CMYK	0.03, 0.07, 0.00, 0.07
HSL	274°, 32%, 90%
HSV	274°, 7%, 93%
XYZ	74.5089, 75.4045, 91.5164
YIQ	226.5150, 0.2280, 6.8840

Conversions

Conversions Part 2

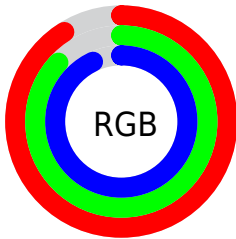
Format	Color
R_{YB}	231, 222, 238
Decimal	15195886
CIE Lab	89.58, 5.93, -6.71
CIE LCh	90, 8.954, 311.490
Yxy	75.4045, 0.3086, 0.3123
Android (android.graphics.Color)	4293385966 (0xFFE7DEEE)
YUV	226.5150, 5.6621, 3.9333
Hunter-Lab	86.8358, 1.1983, -1.7008

Details

The XYZ color **74.5089, 75.4045, 91.5164** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.0752, 83.0830, 81.1380**, and the grayscale version is **72.6236, 76.4056, 83.2057**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9414, 40.1288, 49.8965** is the 20% darker color. If you saturate the color by 10%, you get **65.3671, 61.9626, 89.4048**, and if you desaturate by 10%, it is **84.7474, 90.7405, 93.9381**.

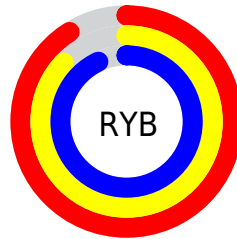
Distribution



Red (91%)

Green (87%)

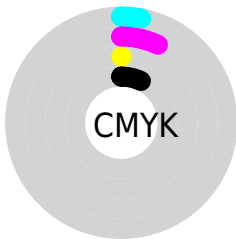
Blue (93%)



Red (91%)

Yellow (87%)

Blue (93%)

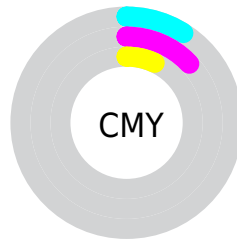


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5089, 75.4045, 91.5164 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 74.5089, 75.4045, 91.5164 by changing the saturation by 10% instead.

74.5089, 75.4045,
91.5164

74.5089, 75.4045,
91.5164

465.2511,
479.3067, 553.6483

55.5034, 55.9443,
68.6582

124.6086,
126.8848, 151.3968

40.0403, 40.1583,
49.9634

156.4335,
159.6737, 189.2562

27.7544, 27.6620,
35.0133

193.2622,
197.6743, 232.9530

18.2801, 18.0710,
23.3895

235.4602,
241.2710, 282.9059

11.2522, 11.0010,
14.6734

283.3927,
290.8482, 339.5333

6.3052, 6.0675,
8.4464

337.4251,

3.0740, 2.8862,

346.7903, 403.2538

4.2901

397.9228,
409.4817, 474.4859

■ 1.1930, 1.0726,
1.7858

■ 0.1008, 0.0000,
0.4186

■ 74.5089, 75.4045,
91.5164

■ 74.5089, 75.4045,
91.5164

■ 65.3671, 61.9626,
89.4048

■ 84.7474, 90.7405,
93.9381

■ 57.2748, 50.3290,
87.5858

■ 91.2765, 98.3570,
95.0641

■ 50.1908, 40.4254,
86.0476

■ 92.4328, 98.9531,
95.1182

■ 44.0686, 32.1643,
84.7757

■ 38.8575, 25.4498,
83.7543

■ 34.5017, 20.1760,
82.9660

■ 30.9384, 16.2233,
82.3908

■ 28.0946, 13.4515,
82.0057

■ 25.8784, 11.6838,
81.7813

Harmonies

Analogous

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



72.5157, 75.4045, 94.5566



74.5089, 75.4045, 91.5164



75.7565, 75.4045, 86.0094

Triad

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



74.5089, 75.4045, 91.5164



73.0211, 75.4045, 71.1417



67.6036, 75.4045, 84.5396

Complementary

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



74.5089, 75.4045, 91.5164



76.0752, 83.0830, 81.1380

Split Complementary

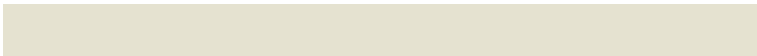
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7327, 75.4045, 78.3161



74.5089, 75.4045, 91.5164



70.8304, 75.4045, 70.7933

Square

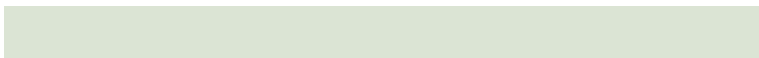
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5089, 75.4045, 91.5164



74.8855, 75.4045, 74.3352



68.9036, 75.4045, 73.3577



68.5474, 75.4045, 90.3932

Rectangle

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



74.5089, 75.4045, 91.5164



75.9823, 75.4045, 81.7881



68.9036, 75.4045, 73.3577



67.5235, 75.4045, 82.4180

Sweetspot

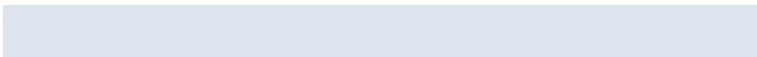
The Sweet Spot groups the original color and five complimentary colors.



74.5111, 75.4077, 91.5180



92.6283, 96.3683, 108.3266



73.6343, 77.8549, 92.0366



19.8517, 20.6648, 23.1924



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.



74.5111, 75.4077, 91.5180



85.6757, 86.0139, 106.6945



76.6986, 76.5490, 91.0083



15.7479, 15.6672, 19.9157



14.2331, 6.3429, 45.6020



1.2981, 0.5864, 3.7990

Inverse Universe

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



75.5266, 76.0802, 84.8367



87.0913, 86.9508, 97.4047



73.9938, 81.9976, 81.6016



16.0601, 15.8737, 17.8726



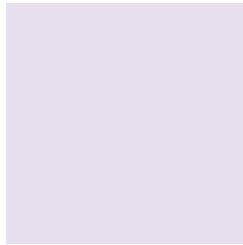
21.1321, 10.7253, 8.6120



1.8071, 0.9119, 0.9751

Previews

White Background



This preview shows how the XYZ color 74.5089, 75.4045, 91.5164 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 74.5089, 75.4045, 91.5164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

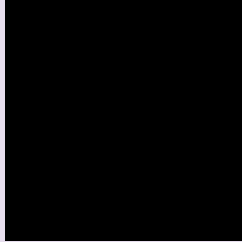
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

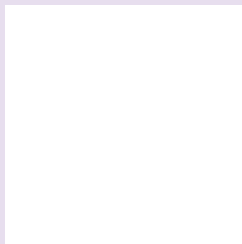
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5089, 75.4045, 91.5164

Background



This preview shows how black text looks on a background with the XYZ color 74.5089, 75.4045, 91.5164.



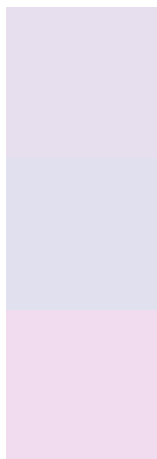
This preview shows how white text looks on a background with the XYZ color 74.5089, 75.4045,

91.5164.

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

74.5089, 75.4045, 91.5164

Protanopia

73.2870, 75.5509, 92.3815

Deuteranopia

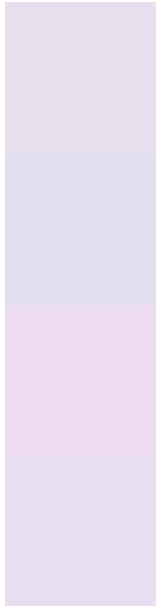
77.1871, 75.5958, 92.1846



Tritanopia

74.6563, 75.4635, 92.2925

Trichromacy



Original Color

74.5089, 75.4045, 91.5164

Protanomaly

73.6462, 75.3382, 92.3215

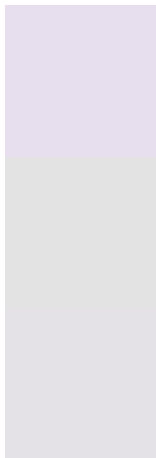
Deuteranomaly

76.0982, 75.4229, 92.2086

Tritanomaly

74.6563, 75.4635, 92.2925

Monochromacy



Original Color

74.5089, 75.4045, 91.5164

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.3439, 76.1139, 86.4271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5089, 75.4045, 91.5164 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, 238) looks like.

```
.text, #text, p{  
    color:rgb(231, 222, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 222, 238) }
```

Border

The CSS property to change the border of an element to XYZ 74.5089, 75.4045, 91.5164 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, 238) }
```


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

```
.border{ border-color:rgb(231, 222, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 222, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 222, 238);  
box-shadow:4px 4px 4px 4px rgb(231, 222,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5089, 75.4045, 91.5164 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, 238) }
```

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

```
.background{ background-color: rgb(231,  
222, 238) }
```

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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