

Converting Colors

XYZ(75.1739, 74.8900, 92.2620)

Have a look what the booklet for
XYZ(75.1739, 74.8900, 92.2620)
contains.

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Color

**XYZ(75.1049, 74.9108,
92.1621)**

Conversions

Conversions Part 1

Format	Color
Hex	EADCEF
RGB	234, 220, 239
RGB Percent	92%, 86%, 94%
CMY	0.0823, 0.1372, 0.0627
CMYK	0.02, 0.08, 0.00, 0.06
HSL	284°, 37%, 90%
HSV	284°, 8%, 94%
XYZ	75.1049, 74.9108, 92.1621
YIQ	226.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

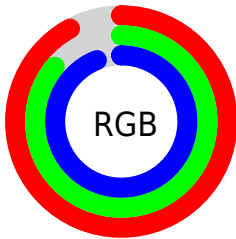
Format	Color
R_{YB}	234, 220, 239
Decimal	15391983
CIE _{Lab}	89.35, 8.15, -7.55
CIE _{LCh}	89, 11.111, 317.207
Yxy	74.9108, 0.3101, 0.3093
Android (android.graphics.Color)	4293582063 (0xFFEADCEF)
YUV	226.3520, 6.2355, 6.7073
Hunter-Lab	86.5510, 3.4296, -2.5480

Details

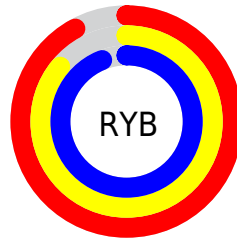
The XYZ color **75.1049, 74.9108, 92.1621** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8388, 82.9098, 79.7726**, and the grayscale version is **72.5004, 76.2761, 83.0647**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3625, 39.7941, 50.3535** is the 20% darker color. If you saturate the color by 10%, you get **67.2473, 62.2063, 90.1251**, and if you desaturate by 10%, it is **83.9369, 89.4530, 94.5047**.

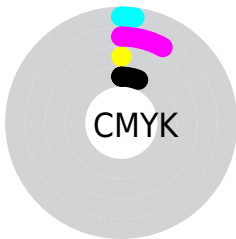
Distribution



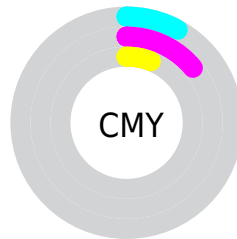
- Red (92%)
- Green (86%)
- Blue (94%)



- Red (92%)
- Yellow (86%)
- Blue (94%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (8%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1049, 74.9108, 92.1621 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 75.1049, 74.9108, 92.1621 by changing the saturation by 10% instead.

75.1049, 74.9108,
92.1621

75.1049, 74.9108,
92.1621

467.2697,
477.6109, 555.7898

55.9933, 55.5398,
69.1915

125.4480,
126.1861, 152.2997

40.4345, 39.8341,
50.3950

157.4101,
158.8592, 190.3037

28.0632, 27.4092,
35.3539

194.3865,
196.7351, 234.1560

18.5140, 17.8808,
23.6499

236.7426,
240.1982, 284.2751

11.4216, 10.8644,
14.8643

284.8435,
289.6330, 341.0794

6.4205, 5.9757,
8.5787

339.0548,

3.1455, 2.8303,

345.4238, 404.9877

4.3744

399.7417,
407.9549, 476.4183

■ 1.2312, 1.0438,
1.8329

■ 0.1308, 0.0000,
0.4495

■ 75.1049, 74.9108,
92.1621

■ 75.1049, 74.9108,
92.1621

■ 67.2473, 62.2063,
90.1251

■ 83.9369, 89.4530,
94.5047

■ 60.3190, 51.2536,
88.3762

■ 89.5509, 97.4504,
95.7524

■ 54.2808, 41.9746,
86.9034

■ 91.8019, 98.6108,
95.8578

■ 49.0881, 34.2811,
85.6921

■ 92.5802, 99.0121,
95.8942

■ 44.6923, 28.0770,
84.7263

■ 41.0392, 23.2553,
83.9882

■ 38.0675, 19.6947,
83.4575

■ 35.7053, 17.2521,
83.1106

■ 33.8537, 15.7314,
82.9146

Harmonies

Analogous

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



72.7577, 74.9108, 96.7149



75.1049, 74.9108, 92.1621



76.4197, 74.9108, 84.9246

Triad

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



75.1049, 74.9108, 92.1621



72.3640, 74.9108, 67.8221



66.3238, 74.9108, 86.0735

Complementary

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



75.1049, 74.9108, 92.1621



74.8388, 82.9098, 79.7726

Split Complementary

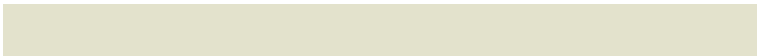
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.2245, 74.9108, 78.2954



75.1049, 74.9108, 92.1621



69.6656, 74.9108, 68.0863

Square

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



75.1049, 74.9108, 92.1621



74.8104, 74.9108, 71.0672



67.4338, 74.9108, 71.8133



67.7086, 74.9108, 93.0491

Rectangle

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



75.1049, 74.9108, 92.1621



76.5124, 74.9108, 79.7018



67.4338, 74.9108, 71.8133



66.1402, 74.9108, 83.4573

Sweetspot

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



75.1071, 74.9140, 92.1637



92.9524, 96.5354, 108.3418



72.0414, 75.3374, 92.4070



19.9177, 20.6988, 23.1955



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.



75.1071, 74.9140, 92.1637



85.0217, 83.5450, 106.2524



76.1249, 75.5134, 88.8345



16.0247, 15.8100, 19.9286



18.6464, 8.6179, 45.8085



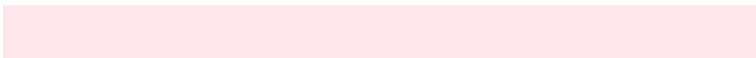
1.6441, 0.7648, 3.8152

Inverse Universe

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



74.7830, 74.9767, 81.7681



84.5689, 83.6441, 91.2056



73.8977, 82.3559, 82.8341



15.9436, 15.8271, 17.2591



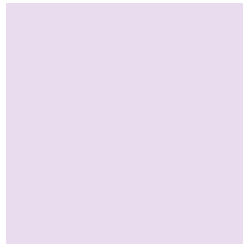
20.2116, 10.3571, 3.7651



1.7210, 0.8775, 0.5219

Previews

White Background



This preview shows how the XYZ color 75.1049, 74.9108, 92.1621 looks on a white background.

Color Contrast Check

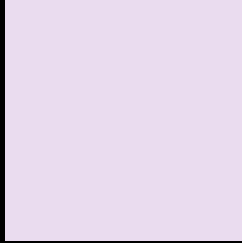
Large Text (above 18pt) WCAG AA × Fail

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 75.1049, 74.9108, 92.1621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

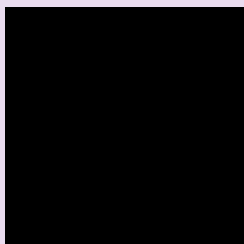
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

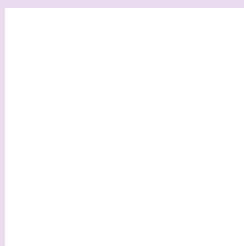
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1049, 74.9108, 92.1621

Background



This preview shows how black text looks on a background with the XYZ color 75.1049, 74.9108, 92.1621.



This preview shows how white text looks on a background with the XYZ color 75.1049, 74.9108,

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

75.1049, 74.9108, 92.1621

Protanopia

73.0053, 74.9735, 93.8426

Deuteranopia

76.5866, 74.9001, 92.0820



Tritanopia

74.9575, 74.8519, 91.3861

Trichromacy



Original Color

75.1049, 74.9108, 92.1621

Protanomaly

73.8444, 75.0278, 93.0279

Deuteranomaly

76.1714, 75.0722, 92.1371

Tritanomaly

74.9575, 74.8519, 91.3861

Monochromacy



Original Color

75.1049, 74.9108, 92.1621

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.3926, 75.7388, 86.3522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1049, 74.9108, 92.1621 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(234, 220, 239) looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 220, 239) }
```

Border

The CSS property to change the border of an element to XYZ 75.1049, 74.9108, 92.1621 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(234, 220, 239) }
```


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

```
.border{ border-color:rgb(234, 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(234, 220, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 220, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 220, 239); box-shadow:4px 4px 4px 4px rgb(234, 220, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1049, 74.9108, 92.1621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 220, 239) }
```

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

```
.background{ background-color: rgb(234,  
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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