

Converting Colors

XYZ(74.5690, 73.3574, 84.2192)

Have a look what the booklet for
XYZ(74.5690, 73.3574, 84.2192)
contains.

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Color

**XYZ(74.6339, 73.2941,
84.3423)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D8E5
RGB	240, 216, 229
RGB Percent	94%, 85%, 90%
CMY	0.0588, 0.1529, 0.1020
CMYK	0.00, 0.10, 0.05, 0.06
HSL	328°, 44%, 89%
HSV	328°, 10%, 94%
XYZ	74.6339, 73.2941, 84.3423
YIQ	224.6580, 10.1310, 9.1310

Conversions

Conversions Part 2

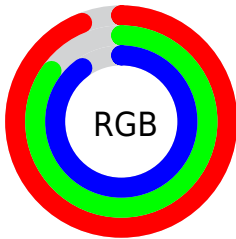
Format	Color
R _{YB}	240, 216, 229
Decimal	15784165
CIE Lab	88.59, 10.48, -3.35
CIE LCh	89, 11.000, 342.242
Yxy	73.2941, 0.3213, 0.3156
Android (android.graphics.Color)	4293974245 (0xFFFF0D8E5)
YUV	224.6580, 2.1406, 13.4549
Hunter-Lab	85.6120, 5.7899, 1.5177

Details

The XYZ color **74.6339, 73.2941, 84.3423** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3469, 82.4671, 84.7289**, and the grayscale version is **71.3043, 75.0177, 81.6943**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1520, 38.7361, 45.4050** is the 20% darker color. If you saturate the color by 10%, you get **67.4413, 61.2891, 74.6048**, and if you desaturate by 10%, it is **82.8261, 87.1405, 94.8951**.

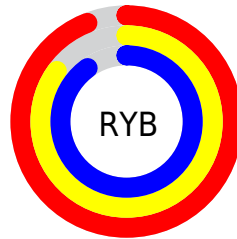
Distribution



Red (94%)

Green (85%)

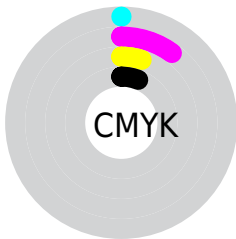
Blue (90%)



Red (94%)

Yellow (85%)

Blue (90%)

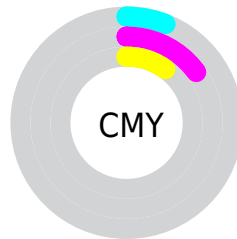


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (6%)



Cyan (6%)


Magenta (15%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6339, 73.2941, 84.3423 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 74.6339, 73.2941, 84.3423 by changing the saturation by 10% instead.


 74.6339, 73.2941,
84.3423

 74.6339, 73.2941,
84.3423


465.6749,
472.0335, 529.5370

 55.6061, 54.2165,
62.7511


124.7847,
123.8946, 141.3199

 40.1230, 38.7748,
45.2001


156.6384,
156.1863, 177.5433

 27.8191, 26.5845,
31.2710


193.4982,
193.6515, 219.4812

 18.3291, 17.2615,
20.5451

235.7293,
236.6746, 267.5522

 11.2876, 10.4211,
12.6039

283.6972,
285.6399, 322.1747

 6.3294, 5.6790,
7.0289

337.7672,

 3.0889, 2.6509,

340.9319, 383.7673

3.4014

398.3046,
402.9350, 452.7485

■ 1.2010, 0.9523,
1.3031

■ 0.1071, 0.0000,
0.0643

■ 74.6339, 73.2941,
84.3423

■ 74.6339, 73.2941,
84.3423

■ 67.4413, 61.2891,
74.6048

■ 82.8261, 87.1405,
94.8951

■ 61.2015, 51.0376,
65.6556

■ 89.1091, 97.0109,
105.2995

■ 55.8730, 42.4589,
57.4726

■ 89.7457, 97.2655,
108.6518

■ 51.4090, 35.4622,
50.0309

■ 47.7582, 29.9478,
43.3037

■ 44.8633, 25.8048,
37.2620

■ 42.6593, 22.9064,
31.8738

■ 41.0691, 21.1016,
27.1025

■ 39.9639, 20.1369,
22.8942

Harmonies

Analogous

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



73.1485, 73.2941, 91.1118



74.6339, 73.2941, 84.3423



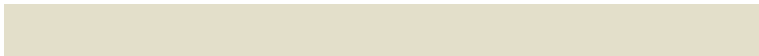
74.7669, 73.2941, 76.7480

Triad

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



74.6339, 73.2941, 84.3423



68.5881, 73.2941, 66.3668



65.9566, 73.2941, 90.0307

Complementary

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



74.6339, 73.2941, 84.3423



73.3469, 82.4671, 84.7289

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.



64.7984, 73.2941, 82.9418



74.6339, 73.2941, 84.3423



66.2917, 73.2941, 69.4742

Square

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



74.6339, 73.2941, 84.3423



71.2307, 73.2941, 66.6889



64.9195, 73.2941, 75.4331



68.1201, 73.2941, 94.5366

Rectangle

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



74.6339, 73.2941, 84.3423



74.0664, 73.2941, 72.2644



64.9195, 73.2941, 75.4331



65.4393, 73.2941, 87.8524

Sweetspot

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



74.6360, 73.2973, 84.3439



92.0984, 94.9920, 105.1561



71.9023, 71.7049, 92.4899



19.5478, 20.0528, 22.2967



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.



74.6360, 73.2973, 84.3439



83.8764, 81.1358, 94.4377



73.0441, 72.6605, 75.9608



16.1308, 15.9020, 18.2452



21.9445, 11.0502, 12.8903



1.8758, 0.9393, 1.3366

Inverse Universe

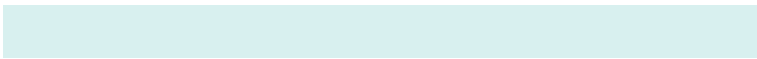
The Inverse Universe completely reimagines the original color for something new.



74.6360, 73.2973, 84.3439



83.8764, 81.1358, 94.4377



75.0317, 83.1410, 93.6010



16.1308, 15.9020, 18.2452



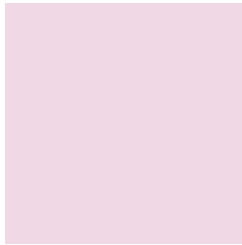
21.9445, 11.0502, 12.8903



1.8758, 0.9393, 1.3366

Previews

White Background



This preview shows how the XYZ color 74.6339, 73.2941, 84.3423 looks on a white background.

Color Contrast Check

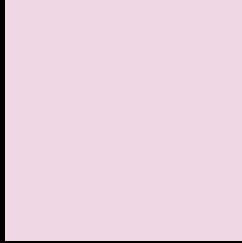
Large Text (above 18pt) WCAG AA × Fail

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 74.6339, 73.2941, 84.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

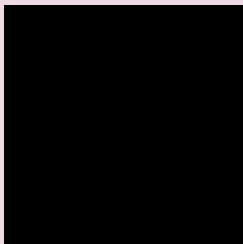
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6339, 73.2941, 84.3423

Background



This preview shows how black text looks on a background with the XYZ color 74.6339, 73.2941, 84.3423.



This preview shows how white text looks on a background with the XYZ color 74.6339, 73.2941,

84.3423.

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

74.6339, 73.2941, 84.3423

Protanopia

71.1624, 73.3864, 86.7583

Deuteranopia

74.9744, 73.4696, 84.3582



Tritanopia

74.8011, 72.9523, 86.4827

Trichromacy



Original Color

74.6339, 73.2941, 84.3423

Protanomaly

72.3884, 73.2556, 85.9258

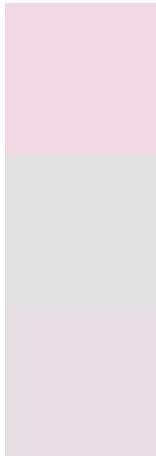
Deuteranomaly

74.9744, 73.4696, 84.3582

Tritanomaly

74.6594, 72.8957, 85.7366

Monochromacy



Original Color

74.6339, 73.2941, 84.3423

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.4819, 74.5565, 82.5222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6339, 73.2941, 84.3423 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(240, 216, 229) looks like.

```
.text, #text, p{  
    color:rgb(240, 216, 229)  
}
```

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(240, 216, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 216, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.6339, 73.2941, 84.3423 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(240, 216, 229) }
```


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

```
.border{ border-color:rgb(240, 216, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 216, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 216, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 216, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 216,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6339, 73.2941, 84.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 216, 229) }
```

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

```
.background{ background-color: rgb(240,  
216, 229) }
```

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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