

Converting Colors

XYZ(71.2357, 69.1858, 74.1499)

Have a look what the booklet for
XYZ(71.2357, 69.1858, 74.1499)
contains.

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Color

**XYZ(71.0014, 69.0325,
73.8724)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D1D7
RGB	240, 209, 215
RGB Percent	94%, 82%, 84%
CMY	0.0588, 0.1804, 0.1569
CMYK	0.00, 0.13, 0.10, 0.06
HSL	348°, 51%, 88%
HSV	348°, 13%, 94%
XYZ	71.0014, 69.0325, 73.8724
YIQ	218.9530, 16.5500, 8.4380

Conversions

Conversions Part 2

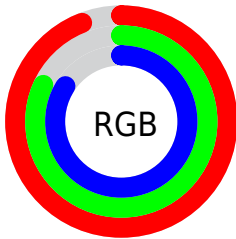
Format	Color
R _Y B	240, 209, 215
Decimal	15782359
CIE Lab	86.52, 11.78, 1.02
CIE LCh	87, 11.823, 4.943
Yxy	69.0325, 0.3319, 0.3227
Android (android.graphics.Color)	4293972439 (0xFFFF0D1D7)
YUV	218.9530, -1.9488, 18.4582
Hunter-Lab	83.0858, 7.1380, 5.4447

Details

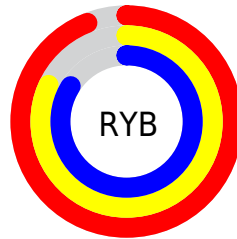
The XYZ color **71.0014, 69.0325, 73.8724** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3086, 81.8178, 89.8273**, and the grayscale version is **67.3061, 70.8112, 77.1134**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8337, 36.1711, 38.2454** is the 20% darker color. If you saturate the color by 10%, you get **63.2090, 57.1950, 59.7206**, and if you desaturate by 10%, it is **79.9790, 82.7677, 89.8730**.

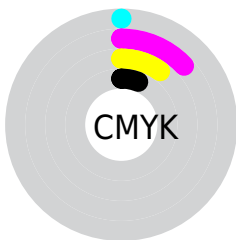
Distribution



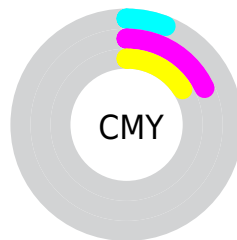
- Red (94%)
- Green (82%)
- Blue (84%)



- Red (94%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (6%)




- Cyan (6%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0014, 69.0325, 73.8724 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 71.0014, 69.0325, 73.8724 by changing the saturation by 10% instead.


 71.0014, 69.0325,
73.8724

 71.0014, 69.0325,
73.8724


453.2701,
457.1456, 493.1845

 52.6259, 50.7382,
54.1935


119.6542,
117.8280, 126.4473

 37.7305, 36.0003,
38.3621


150.6622,
149.0980, 160.1803

 25.9498, 24.4344,
25.9598


186.6118,
185.4619, 199.4351

 16.9186, 15.6562,
16.5681


227.8682,
227.3043, 244.6302

 10.2714, 9.2812,
9.7684

274.7969,
275.0094, 296.1841

 5.6429, 4.9250,
5.1421

327.7632,

 2.6678, 2.2033,

328.9618, 354.5155

2.2707

387.1325,
389.5457, 420.0427

■ 0.9806, 0.7218,
0.7147

■ 0.0000, 0.0000,
0.0000

■ 71.0014, 69.0325,
73.8724

■ 71.0014, 69.0325,
73.8724

■ 63.2090, 57.1950,
59.7206

■ 79.9790, 82.7677,
89.8730

■ 56.5462, 47.1631,
47.3461

■ 89.5396, 97.1831,
107.5671

■ 50.9617, 38.8502,
36.6793

■ 89.7455, 97.2655,
108.6518

■ 46.3977, 32.1595,
27.6443

■ 42.7911, 26.9842,
20.1593

■ 40.0714, 23.2047,
14.1353

■ 38.1582, 20.6835,
9.4738

■ 36.9554, 19.2542,
6.0632

■ 36.4371, 18.7261,
4.3230

Harmonies

Analogous

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



70.5008, 69.0325, 81.7352



71.0014, 69.0325, 73.8724



70.0258, 69.0325, 66.8523

Triad

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



71.0014, 69.0325, 73.8724



62.6428, 69.0325, 63.4663



63.4080, 69.0325, 89.6729

Complementary

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



71.0014, 69.0325, 73.8724



72.3086, 81.8178, 89.8273

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.



61.3902, 69.0325, 84.1389



71.0014, 69.0325, 73.8724



60.9571, 69.0325, 68.9560

Square

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



71.0014, 69.0325, 73.8724



65.1605, 69.0325, 61.1169



60.5050, 69.0325, 76.4719



66.0682, 69.0325, 91.2152

Rectangle

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



71.0014, 69.0325, 73.8724



68.6851, 69.0325, 63.4816



60.5050, 69.0325, 76.4719



62.6345, 69.0325, 88.1998

Sweetspot

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



71.0033, 69.0356, 73.8739



90.5854, 93.1453, 101.0167



72.3969, 69.3540, 92.0098



19.2147, 19.6697, 21.3128



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.



71.0033, 69.0356, 73.8739



79.4632, 76.1468, 81.1367



72.5953, 73.4300, 70.6725



15.8977, 15.8088, 17.0178



19.9826, 10.2654, 2.5588



1.6960, 0.8675, 0.3902

Inverse Universe

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



71.0033, 69.0356, 73.8739



79.4632, 76.1468, 81.1367



70.5172, 76.8329, 93.5525



15.8977, 15.8088, 17.0178



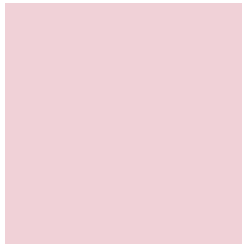
19.9826, 10.2654, 2.5588



1.6960, 0.8675, 0.3902

Previews

White Background



This preview shows how the XYZ color 71.0014, 69.0325, 73.8724 looks on a white background.

Color Contrast Check

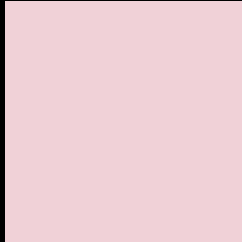
Large Text (above 18pt) WCAG AA × Fail

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 71.0014, 69.0325, 73.8724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

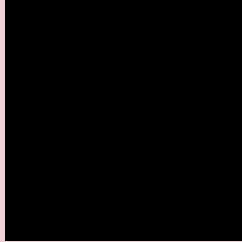
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0014, 69.0325, 73.8724

Background



This preview shows how black text looks on a background with the XYZ color 71.0014, 69.0325, 73.8724.



This preview shows how white text looks on a background with the XYZ color 71.0014, 69.0325,

73.8724.

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

71.0014, 69.0325, 73.8724

Protanopia

66.8572, 69.4419, 76.8977

Deuteranopia

70.5722, 69.1766, 73.9228



Tritanopia

72.2860, 69.1943, 80.0670

Trichromacy



Original Color

71.0014, 69.0325, 73.8724

Protanomaly

68.1277, 68.9813, 76.0537

Deuteranomaly

70.9089, 69.3502, 73.9386

Tritanomaly

71.8826, 69.0330, 77.9427

Monochromacy



Original Color

71.0014, 69.0325, 73.8724

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.6339, 69.9937, 76.2224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0014, 69.0325, 73.8724 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, 209, 215)` looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 215)  
}
```

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, 209, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 215) }
```

Border

The CSS property to change the border of an element to XYZ 71.0014, 69.0325, 73.8724 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, 209, 215) }
```


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

```
.border{ border-color:rgb(240, 209, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 209, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 215);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0014, 69.0325, 73.8724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 209, 215) }
```

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

```
.background{ background-color: rgb(240,  
209, 215) }
```

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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