

Converting Colors

XYZ(71.3296, 71.2501, 68.9247)

Have a look what the booklet for
XYZ(71.3296, 71.2501, 68.9247)
contains.

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Color

**XYZ(71.2442, 71.1234,
69.0047)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D6CF
RGB	240, 214, 207
RGB Percent	94%, 84%, 81%
CMY	0.0588, 0.1608, 0.1882
CMYK	0.00, 0.11, 0.14, 0.06
HSL	13°, 52%, 88%
HSV	13°, 14%, 94%
XYZ	71.2442, 71.1234, 69.0047
YIQ	220.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

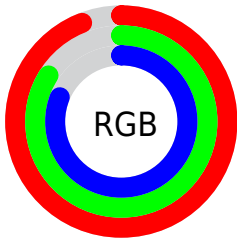
Format	Color
R _Y B	240, 216, 207
Decimal	15783631
CIE Lab	87.54, 7.88, 6.73
CIE LCh	88, 10.364, 40.520
Yxy	71.1234, 0.3371, 0.3365
Android (android.graphics.Color)	4293973711 (0xFFFF0D6CF)
YUV	220.9760, -6.8902, 16.6840
Hunter-Lab	84.3347, 3.2074, 10.5218

Details

The XYZ color **71.2442, 71.1234, 69.0047** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5988, 77.8327, 93.7409**, and the grayscale version is **68.7501, 72.3305, 78.7679**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9151, 37.2865, 35.3357** is the 20% darker color. If you saturate the color by 10%, you get **64.0203, 61.0194, 53.2042**, and if you desaturate by 10%, it is **79.4734, 82.5229, 87.3423**.

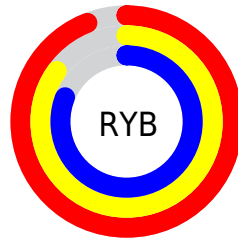
Distribution



Red (94%)

Green (84%)

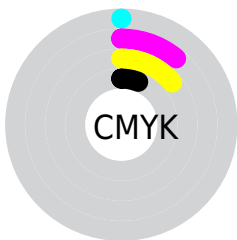
Blue (81%)



Red (94%)

Yellow (85%)

Blue (81%)

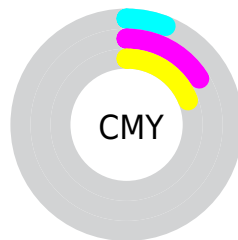


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2442, 71.1234, 69.0047 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 71.2442, 71.1234, 69.0047 by changing the saturation by 10% instead.

71.2442, 71.1234,
69.0047

71.2442, 71.1234,
69.0047

454.1052,
464.4847, 475.7419

52.8248, 52.4429,
50.2438

119.9980,
120.8094, 119.4561

37.8898, 37.3582,
35.2346

151.0631,
152.5837, 151.9835

26.0740, 25.4850,
23.5586

187.0741,
189.4914, 189.9370

17.0120, 16.4387,
14.7974

228.3963,
231.9169, 233.7349

10.3384, 9.8352,
8.5323

275.3952,
280.2446, 283.7958

5.6879, 5.2898,
4.3448

328.4361,

2.6951, 2.4183,

334.8589, 340.5382

1.8163

387.8843,
396.1441, 404.3808

■ 0.9946, 0.8353,
0.4387

■ 0.0000, 0.0000,
0.0000

■ 71.2442, 71.1234,
69.0047

■ 71.2442, 71.1234,
69.0047

■ 64.0203, 61.0194,
53.2042

■ 79.4734, 82.5229,
87.3423

■ 57.7570, 52.1555,
39.8244

■ 88.7386, 95.2517,
108.3161

■ 52.4145, 44.4863,
28.7463

■ 89.7454, 97.2654,
108.6518

■ 47.9482, 37.9600,
19.8392

■ 44.3094, 32.5209,
12.9589

■ 41.4447, 28.1085,
7.9439

■ 39.2937, 24.6560,
4.6076

■ 37.7858, 22.0882,
2.7239

■ 37.1167, 20.8880,
2.0755

Harmonies

Analogous

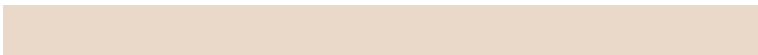
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.3374, 71.1234, 75.0047



71.2442, 71.1234, 69.0047



69.1833, 71.1234, 65.4092

Triad

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



71.2442, 71.1234, 69.0047



63.2573, 71.1234, 73.0301



68.4642, 71.1234, 91.4732

Complementary

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



71.2442, 71.1234, 69.0047



70.5988, 77.8327, 93.7409

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.



66.0423, 71.1234, 90.8653



71.2442, 71.1234, 69.0047



63.0753, 71.1234, 79.9300

Square

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



71.2442, 71.1234, 69.0047



64.5868, 71.1234, 67.6343



64.0835, 71.1234, 86.5389



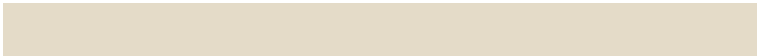
70.7068, 71.1234, 88.1532

Rectangle

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



71.2442, 71.1234, 69.0047



67.5579, 71.1234, 64.7223



64.0835, 71.1234, 86.5389



67.6434, 71.1234, 91.7262

Sweetspot

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



71.2462, 71.1266, 69.0062



90.9410, 94.3405, 99.6426



73.0140, 69.0579, 86.8727



19.3043, 19.9708, 20.9667



0.0000, 0.0000, 0.0000



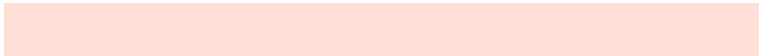
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2462, 71.1266, 69.0062



79.7535, 78.8259, 74.7638



75.5230, 79.6803, 70.4318



16.0447, 16.3025, 16.4508



20.3960, 11.5901, 1.1621



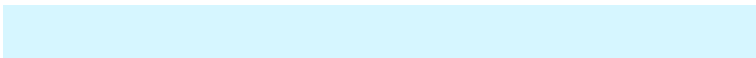
1.7668, 1.1043, 0.1200

Inverse Universe

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



70.5988, 77.8327, 93.7409



78.8992, 87.6648, 107.3703



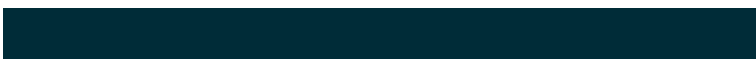
66.2483, 69.1318, 92.2908



15.9460, 17.3261, 20.2254



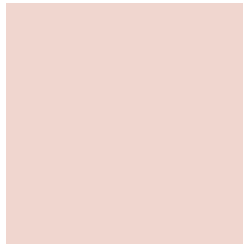
18.6787, 23.5817, 48.6951



1.6241, 2.1022, 4.0744

Previews

White Background



This preview shows how the XYZ color 71.2442, 71.1234, 69.0047 looks on a white background.

Color Contrast Check

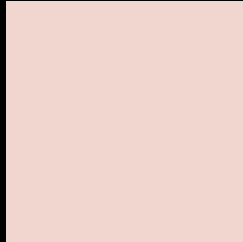
Large Text (above 18pt) WCAG AA × Fail

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 71.2442, 71.1234, 69.0047 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

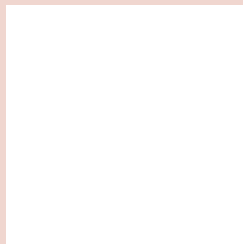
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2442, 71.1234, 69.0047

Background



This preview shows how black text looks on a background with the XYZ color 71.2442, 71.1234, 69.0047.

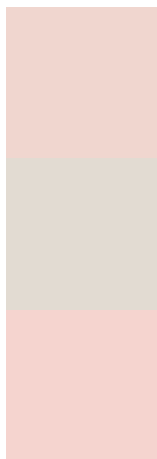


This preview shows how white text looks on a background with the XYZ color 71.2442, 71.1234,

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

71.2442, 71.1234, 69.0047

Protanopia

68.3284, 71.4849, 71.1694

Deuteranopia

72.4622, 71.0044, 68.9175



Tritanopia

74.1215, 71.1893, 82.5073

Trichromacy



Original Color

71.2442, 71.1234, 69.0047

Protanomaly

69.2765, 71.2181, 70.4168

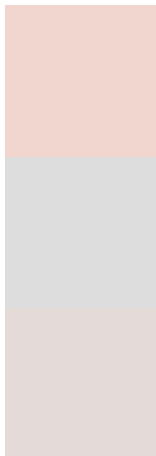
Deuteranomaly

72.0189, 71.1482, 68.9687

Tritanomaly

73.0797, 71.1315, 77.5882

Monochromacy



Original Color

71.2442, 71.1234, 69.0047

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.4610, 71.5947, 75.1239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2442, 71.1234, 69.0047 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, 214, 207) looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 207)  
}
```

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, 214, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 207) }
```

Border

The CSS property to change the border of an element to XYZ 71.2442, 71.1234, 69.0047 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, 214, 207) }
```


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

```
.border{ border-color:rgb(240, 214, 207) }
```

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

Here you see how a box with a 4 pixel rgb(240, 214, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 207);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2442, 71.1234, 69.0047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 207) }
```

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

```
.background{ background-color: rgb(240,  
214, 207) }
```

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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