

Converting Colors

XYZ(72.1317, 74.2783, 57.0165)

Have a look what the booklet for
XYZ(72.1317, 74.2783, 57.0165)
contains.

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Color

**XYZ(72.1123, 74.1440,
56.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DCBA
RGB	245, 220, 186
RGB Percent	96%, 86%, 73%
CMY	0.0392, 0.1372, 0.2706
CMYK	0.00, 0.10, 0.24, 0.04
HSL	35°, 75%, 85%
HSV	35°, 24%, 96%
XYZ	72.1123, 74.1440, 56.9649
YIQ	223.5990, 25.8140, -5.2740

Conversions

Conversions Part 2

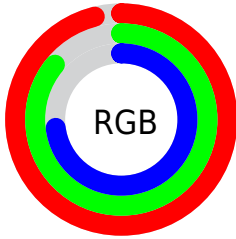
Format	Color
R _{YB}	229, 245, 186
Decimal	16112826
CIE Lab	88.99, 3.48, 19.86
CIE LCh	89, 20.166, 80.048
Yxy	74.1440, 0.3548, 0.3648
Android (android.graphics.Color)	4294302906 (0xFFF5DCBA)
YUV	223.5990, -18.5363, 18.7687
Hunter-Lab	86.1069, -1.1980, 21.0509

Details

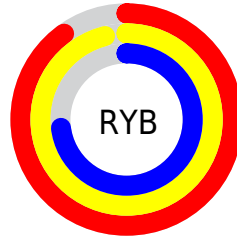
The XYZ color **72.1123, 74.1440, 56.9649** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.0250, 63.6186, 95.5025**, and the grayscale version is **70.6821, 74.3631, 80.9814**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **38.4278, 39.2951, 27.7496** is the 20% darker color. If you saturate the color by 10%, you get **67.0883, 67.9126, 43.5232**, and if you desaturate by 10%, it is **77.7560, 80.8991, 72.8180**.

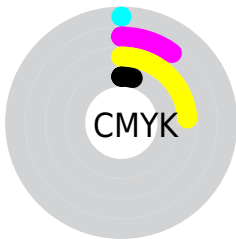
Distribution



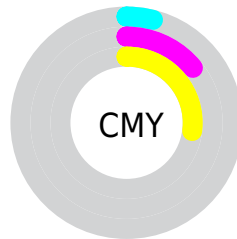
- Red (96%)
- Green (86%)
- Blue (73%)



- Red (90%)
- Yellow (96%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1123, 74.1440, 56.9649 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 72.1123, 74.1440, 56.9649 by changing the saturation by 10% instead.


 72.1123, 74.1440,
56.9649

 72.1123, 74.1440,
56.9649


457.0839,
474.9702, 430.8078

 53.5362, 54.9119,
40.5679


 121.2261,
125.0999, 101.9138

 38.4602, 39.3312,
27.6644


152.4946,
157.5925, 131.3028

 26.5189, 27.0175,
17.8360


188.7245,
195.2741, 165.8595

 17.3469, 17.5863,
10.6641

230.2813,
238.5290, 206.0024

 10.5790, 10.6534,
5.7301

277.5302,
287.7417, 252.1502

 5.8497, 5.8343,
2.6156

330.8368,

 2.7937, 2.7446,

343.2965, 304.7213

0.9005

390.5662,
405.5779, 364.1344

■ 1.0456, 0.9999,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1123, 74.1440,
56.9649

■ 72.1123, 74.1440,
56.9649

■ 67.0883, 67.9126,
43.5232

■ 77.7560, 80.8991,
72.8180

■ 62.6522, 62.1795,
32.3673

■ 84.0377, 88.1822,
91.1903

■ 58.7782, 56.9321,
23.3671

■ 90.2485, 95.7169,
108.3263

■ 55.4357, 52.1528,
16.3776

■ 91.4664, 98.1526,
108.7323

■ 52.5905, 47.8227,
11.2354

■ 50.2034, 43.9208,
7.7511

■ 48.2274, 40.4223,
5.6940

■ 47.2118, 38.5235,
4.9474

Harmonies

Analogous

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



76.6959, 74.1440, 61.7633



72.1123, 74.1440, 56.9649



67.2912, 74.1440, 57.9445

Triad

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



72.1123, 74.1440, 56.9649



61.9870, 74.1440, 90.3372



77.9430, 74.1440, 99.3245

Complementary

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



72.1123, 74.1440, 56.9649



60.0250, 63.6186, 95.5025

Split Complementary

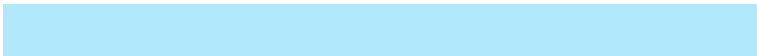
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7508, 74.1440, 108.8208



72.1123, 74.1440, 56.9649



64.5936, 74.1440, 103.2297

Square

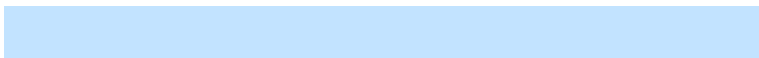
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1123, 74.1440, 56.9649



61.5939, 74.1440, 76.1567



68.8561, 74.1440, 110.3274



80.1639, 74.1440, 85.4833

Rectangle

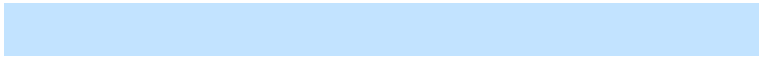
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1123, 74.1440, 56.9649



64.5821, 74.1440, 61.7878



68.8561, 74.1440, 110.3274



76.7088, 74.1440, 103.1952

Sweetspot

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



72.1142, 74.1474, 56.9665



89.9428, 94.1729, 93.6724



67.0449, 59.2628, 69.9072



19.1608, 20.0523, 19.7828



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.



72.1142, 74.1474, 56.9665



76.1531, 77.7331, 54.7333



77.8143, 87.5630, 59.2555



17.2923, 18.0688, 17.3738



25.5740, 21.0335, 2.7120



2.3494, 2.0520, 0.2722

Inverse Universe

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



60.0250, 63.6186, 95.5025



60.7560, 64.3263, 103.8218



55.2598, 52.6500, 93.6365



16.1582, 17.0807, 20.9879



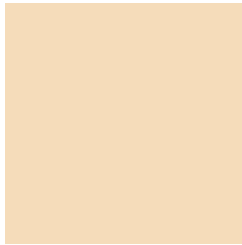
11.6649, 9.1236, 47.6842



1.1247, 1.0009, 4.2241

Previews

White Background



This preview shows how the XYZ color 72.1123, 74.1440, 56.9649 looks on a white background.

Color Contrast Check

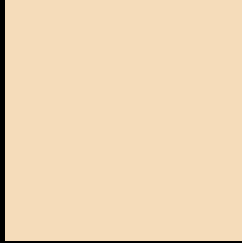
Large Text (above 18pt) WCAG AA × Fail

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 72.1123, 74.1440, 56.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

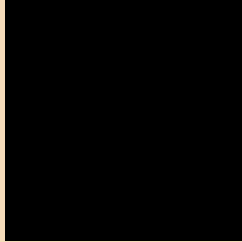
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1123, 74.1440, 56.9649

Background



This preview shows how black text looks on a background with the XYZ color 72.1123, 74.1440, 56.9649.



This preview shows how white text looks on a background with the XYZ color 72.1123, 74.1440,

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

72.1123, 74.1440, 56.9649

Protanopia

70.0568, 74.2391, 58.2141

Deuteranopia

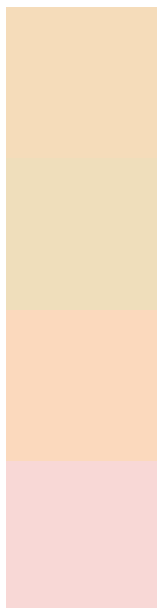
75.1998, 74.1333, 59.6359



Tritanopia

77.7538, 74.1303, 85.0734

Trichromacy



Original Color

72.1123, 74.1440, 56.9649

Protanomaly

70.6875, 74.1811, 57.6065

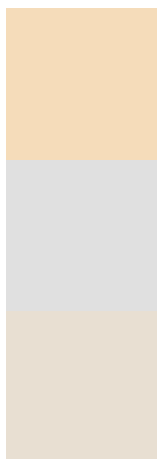
Deuteranomaly

73.7818, 73.8091, 58.5020

Tritanomaly

75.4049, 73.9232, 73.9127

Monochromacy



Original Color

72.1123, 74.1440, 56.9649

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.2992, 74.5843, 71.6111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1123, 74.1440, 56.9649 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(245, 220, 186)` looks like.

```
.text, #text, p{  
    color:rgb(245, 220, 186)  
}
```

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(245, 220, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 220, 186) }
```

Border

The CSS property to change the border of an element to XYZ 72.1123, 74.1440, 56.9649 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(245, 220, 186) }
```


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

```
.border{ border-color:rgb(245, 220, 186) }
```

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

Here you see how a box with a 4 pixel rgb(245, 220, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 220, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 220, 186);  
box-shadow:4px 4px 4px 4px rgb(245, 220,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1123, 74.1440, 56.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 220, 186) }
```

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

```
.background{ background-color: rgb(245,  
220, 186) }
```

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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