

Converting Colors

XYZ(69.0706, 72.4356, 57.3559)

Have a look what the booklet for
XYZ(69.0706, 72.4356, 57.3559)
contains.

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Color

**XYZ(69.1549, 72.6071,
57.3834)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDCBB
RGB	236, 220, 187
RGB Percent	93%, 86%, 73%
CMY	0.0745, 0.1372, 0.2667
CMYK	0.00, 0.07, 0.21, 0.07
HSL	40°, 56%, 83%
HSV	40°, 21%, 93%
XYZ	69.1549, 72.6071, 57.3834
YIQ	221.0220, 20.1290, -6.8710

Conversions

Conversions Part 2

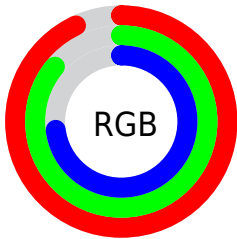
Format	Color
R_{YB}	211, 236, 187
Decimal	15523003
CIE Lab	88.26, 0.31, 18.21
CIE LCh	88, 18.212, 89.017
Yxy	72.6071, 0.3473, 0.3646
Android (android.graphics.Color)	4293713083 (0xFFE CDCBB)
YUV	221.0220, -16.7728, 13.1357
Hunter-Lab	85.2098, -4.2494, 19.7188

Details

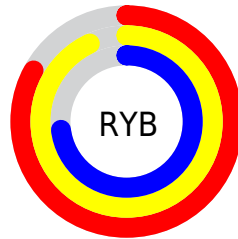
The XYZ color **69.1549, 72.6071, 57.3834** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.9895, 59.3314, 87.8058**, and the grayscale version is **68.8484, 72.4339, 78.8805**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **36.5806, 38.3348, 28.0256** is the 20% darker color. If you saturate the color by 10%, you get **64.8582, 67.7299, 44.4941**, and if you desaturate by 10%, it is **73.9638, 77.8433, 72.4936**.

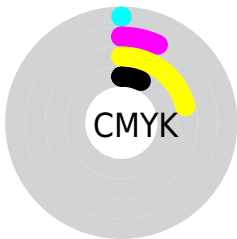
Distribution



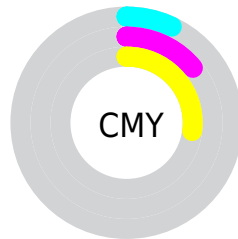
- Red (93%)
- Green (86%)
- Blue (73%)



- Red (83%)
- Yellow (93%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (7%)



- Cyan (7%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1549, 72.6071, 57.3834 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 69.1549, 72.6071, 57.3834 by changing the saturation by 10% instead.

69.1549, 72.6071,
57.3834

69.1549, 72.6071,
57.3834

446.8899,
469.6520, 432.4183

51.1150, 53.6548,
40.9017

117.0356,
122.9193, 102.5303

36.5215, 38.3257,
27.9232

147.6072,
155.0479, 132.0326

25.0092, 26.2356,
18.0292

183.0866,
192.3374, 166.7122

16.2127, 17.0000,
10.8013

223.8393,
235.1722, 206.9876

9.7666, 10.2345,
5.8209

270.2307,
283.9366, 253.2774

5.3055, 5.5547,
2.6695

322.6260,

2.4642, 2.5762,

339.0151, 306.0001

0.9280

381.3906,
400.7921, 365.5742

■ 0.8772, 0.9147,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1549, 72.6071,
57.3834

■ 69.1549, 72.6071,
57.3834

■ 64.8582, 67.7299,
44.4941

■ 73.9638, 77.8433,
72.4936

■ 61.0466, 63.1912,
33.7139

■ 79.2994, 83.4388,
89.9198

■ 57.6987, 58.9832,
24.9284

■ 84.7280, 89.2243,
107.3641

■ 54.7891, 55.0935,
18.0100

■ 87.0836, 93.9356,
108.1493

■ 52.2895, 51.5087,
12.8167

■ 88.4023, 96.5730,
108.5889

■ 50.1679, 48.2139,
9.1854

■ 48.3858, 45.1914,
6.9217

■ 46.9840, 42.6164,
5.7495

Harmonies

Analogous

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



73.4206, 72.6071, 60.1942



69.1549, 72.6071, 57.3834



65.0206, 72.6071, 59.8511

Triad

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



69.1549, 72.6071, 57.3834



61.9309, 72.6071, 91.2944



76.4566, 72.6071, 92.0825

Complementary

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



69.1549, 72.6071, 57.3834



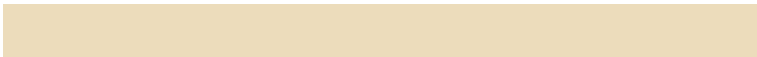
56.9895, 59.3314, 87.8058

Split Complementary

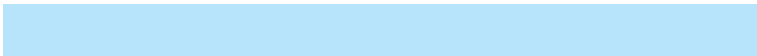
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1611, 72.6071, 101.9856



69.1549, 72.6071, 57.3834



64.7813, 72.6071, 101.4979

Square

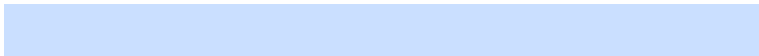
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1549, 72.6071, 57.3834



60.9574, 72.6071, 78.6453



68.8670, 72.6071, 105.5975



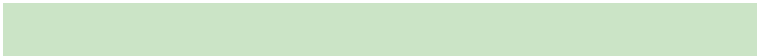
77.7442, 72.6071, 79.4697

Rectangle

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



69.1549, 72.6071, 57.3834



62.8690, 72.6071, 64.3220



68.8670, 72.6071, 105.5975



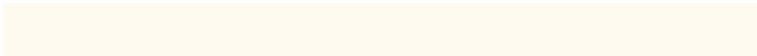
75.5403, 72.6071, 95.8857

Sweetspot

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



69.1568, 72.6104, 57.3849



91.1110, 95.9081, 95.9147



63.1824, 57.7021, 64.5168



19.4127, 20.4350, 20.2404



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.



69.1568, 72.6104, 57.3849



80.1485, 83.9865, 61.4213



70.9077, 80.0460, 58.7279



15.9135, 16.7500, 15.9131



26.0211, 23.7365, 3.2101



2.1303, 2.0378, 0.2811

Inverse Universe

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



56.9895, 59.3314, 87.8058



63.1573, 65.4458, 103.9113



55.4603, 53.2221, 86.7071



14.6327, 15.3519, 19.1142



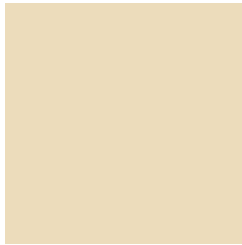
9.9148, 6.4765, 44.4705



0.8633, 0.6781, 3.5203

Previews

White Background



This preview shows how the XYZ color 69.1549, 72.6071, 57.3834 looks on a white background.

Color Contrast Check

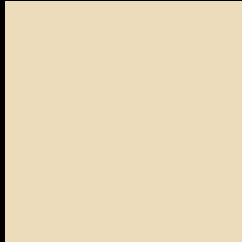
Large Text (above 18pt) WCAG AA × Fail

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 69.1549, 72.6071, 57.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

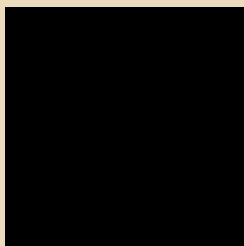
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1549, 72.6071, 57.3834

Background



This preview shows how black text looks on a background with the XYZ color 69.1549, 72.6071, 57.3834.



This preview shows how white text looks on a background with the XYZ color 69.1549, 72.6071,

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

69.1549, 72.6071, 57.3834

Protanopia

68.4304, 72.6244, 57.4250

Deuteranopia

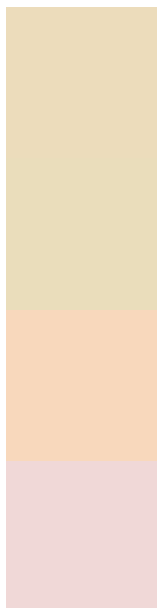
74.1114, 72.4793, 57.6608



Tritanopia

75.0883, 72.7399, 85.6839

Trichromacy



Original Color

69.1549, 72.6071, 57.3834

Protanomaly

68.7578, 72.7932, 57.4403

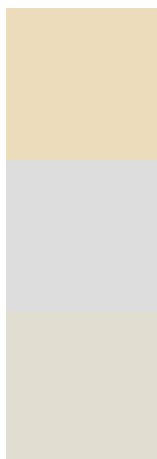
Deuteranomaly

72.3444, 72.6990, 57.7963

Tritanomaly

72.7568, 72.5433, 74.4575

Monochromacy



Original Color

69.1549, 72.6071, 57.3834

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7291, 72.4851, 70.6902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1549, 72.6071, 57.3834 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(236, 220, 187)` looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 187)  
}
```

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(236, 220, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 187) }
```

Border

The CSS property to change the border of an element to XYZ 69.1549, 72.6071, 57.3834 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(236, 220, 187) }
```


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

```
.border{ border-color:rgb(236, 220, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 220, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 220, 187); box-shadow:4px 4px 4px 4px rgb(236, 220, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1549, 72.6071, 57.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 220, 187) }
```

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

```
.background{ background-color: rgb(236,  
220, 187) }
```

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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