

Converting Colors

XYZ(69.7066, 72.9932, 49.5103)

Have a look what the booklet for
XYZ(69.7066, 72.9932, 49.5103)
contains.

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Color

**XYZ(69.6575, 73.0422,
49.4569)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F2DCAC |
| RGB | 242, 220, 172 |
| RGB Percent | 95%, 86%, 67% |
| CMY | 0.0510, 0.1372, 0.3255 |
| CMYK | 0.00, 0.09, 0.29, 0.05 |
| HSL | 41°, 73%, 81% |
| HSV | 41°, 29%, 95% |
| XYZ | 69.6575, 73.0422, 49.4569 |
| YIQ | 221.1060, 28.5200, -10.2640 |

Conversions

Conversions Part 2

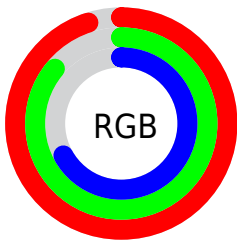
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 204, 242, 172 |
| Decimal | 15916204 |
| CIE _{Lab} | 88.47, 0.50, 26.38 |
| CIE _{LCh} | 88, 26.382, 88.907 |
| Yxy | 73.0422, 0.3625, 0.3801 |
| Android (android.graphics.Color) | 4294106284 (0xFFF2DCAC) |
| YUV | 221.1060, -24.2093, 18.3240 |
| Hunter-Lab | 85.4647, -4.0780, 25.5153 |

Details

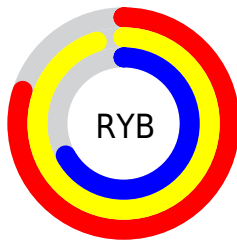
The XYZ color **69.6575, 73.0422, 49.4569** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.3316, 53.7634, 91.6237**, and the grayscale version is **68.9539, 72.5449, 79.0014**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **36.7925, 38.5565, 22.9557** is the 20% darker color. If you saturate the color by 10%, you get **65.5918, 68.2975, 37.6605**, and if you desaturate by 10%, it is **74.2410, 78.1444, 63.5156**.

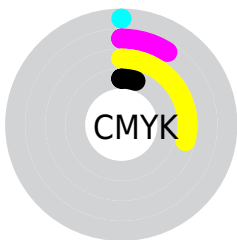
Distribution



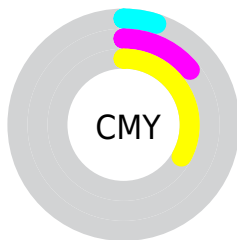
- Red (95%)
- Green (86%)
- Blue (67%)



- Red (80%)
- Yellow (95%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.6575, 73.0422, 49.4569 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 69.6575, 73.0422, 49.4569 by changing the saturation by 10% instead.


 69.6575, 73.0422,
49.4569

 69.6575, 73.0422,
49.4569


448.6317,
471.1611, 401.2123

 51.5259, 54.0105,
34.6139


 117.7491,
123.5371, 90.7577

 36.8501, 38.6100,
23.0844


148.4399,
155.7691, 118.0525

 25.2646, 26.4565,
14.4500


184.0478,
193.1699, 150.3351

 16.4041, 17.1655,
8.2920

224.9382,
236.1241, 188.0239

 9.9032, 10.3525,
4.1919

271.4765,
285.0158, 231.5375

 5.3966, 5.6333,
1.7312

324.0279,

 2.5189, 2.6234,

340.2297, 281.2944

0.3820

382.9578,
402.1499, 337.7132

■ 0.9048, 0.9385,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.6575, 73.0422,
49.4569

■ 69.6575, 73.0422,
49.4569

■ 65.5918, 68.2975,
37.6605

■ 74.2410, 78.1444,
63.5156

■ 62.0141, 63.8888,
28.0003

■ 79.3591, 83.6051,
79.9443

■ 58.8999, 59.8068,
20.3449

■ 85.0347, 89.4376,
98.8493

■ 56.2199, 56.0380,
14.5462

■ 88.9847, 94.7307,
108.2026

■ 53.9409, 52.5669,
10.4356

■ 90.4280, 97.6173,
108.6837

■ 52.0237, 49.3759,
7.8135

■ 50.4106, 46.4396,
6.3815

■ 50.2473, 46.1359,
6.2568

Harmonies

Analogous

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



75.9188, 73.0422, 53.2010



69.6575, 73.0422, 49.4569



63.6914, 73.0422, 52.6926

Triad

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



69.6575, 73.0422, 49.4569



59.2807, 73.0422, 97.6478



80.4068, 73.0422, 98.9780

Complementary

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



69.6575, 73.0422, 49.4569



52.3316, 53.7634, 91.6237

Split Complementary

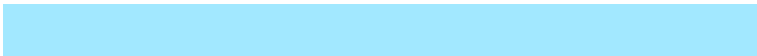
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4916, 73.0422, 114.2139



69.6575, 73.0422, 49.4569



63.3114, 73.0422, 113.3673

Square

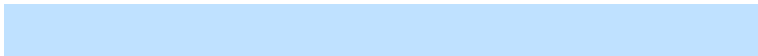
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6575, 73.0422, 49.4569



57.9248, 73.0422, 78.8656



69.1919, 73.0422, 119.8381



82.3534, 73.0422, 80.1992

Rectangle

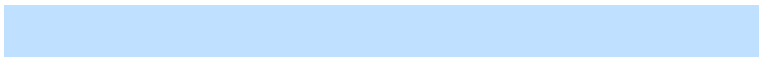
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6575, 73.0422, 49.4569



60.6282, 73.0422, 58.7007



69.1919, 73.0422, 119.8381



79.0328, 73.0422, 104.7833

Sweetspot

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



69.6594, 73.0455, 49.4584



89.3151, 94.0941, 89.8357



61.1274, 52.2856, 58.0083



18.9290, 19.9426, 18.6150



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.



69.6594, 73.0455, 49.4584



75.5573, 78.9187, 47.2068



71.5652, 83.1685, 51.3119



16.6796, 17.5724, 16.6624



27.1210, 25.0401, 3.4038



2.3448, 2.2603, 0.3127

Inverse Universe

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



52.3316, 53.7634, 91.6237



52.9693, 53.7915, 102.1988



50.7477, 46.2103, 90.2493



15.3025, 16.0391, 20.0109



10.1072, 6.4387, 45.8380



0.9266, 0.7071, 3.8419

Previews

White Background



This preview shows how the XYZ color 69.6575, 73.0422, 49.4569 looks on a white background.

Color Contrast Check

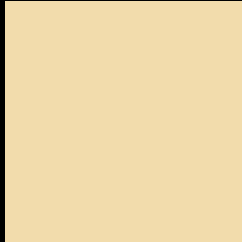
Large Text (above 18pt) WCAG AA × Fail

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 69.6575, 73.0422, 49.4569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

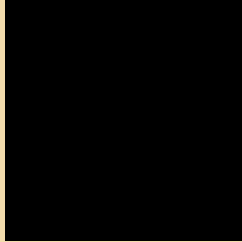
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6575, 73.0422, 49.4569

Background



This preview shows how black text looks on a background with the XYZ color 69.6575, 73.0422, 49.4569.



This preview shows how white text looks on a background with the XYZ color 69.6575, 73.0422,

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

69.6575, 73.0422, 49.4569

Protanopia

68.5892, 73.2642, 50.0615

Deuteranopia

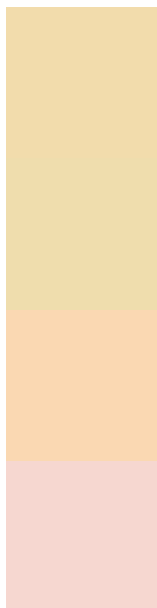
73.6271, 72.6893, 53.8659



Tritanopia

76.7533, 72.8838, 84.1514

Trichromacy



Original Color

69.6575, 73.0422, 49.4569

Protanomaly

68.9959, 73.0808, 50.0047

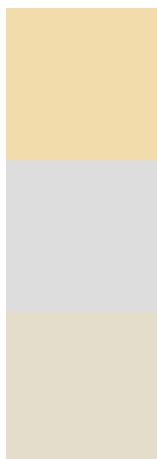
Deuteranomaly

72.0161, 72.6501, 52.3467

Tritanomaly

73.6916, 72.7478, 69.8323

Monochromacy



Original Color

69.6575, 73.0422, 49.4569

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.9490, 72.6827, 66.8951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6575, 73.0422, 49.4569 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(242, 220, 172)` looks like.

```
.text, #text, p{  
    color:rgb(242, 220, 172)  
}
```

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(242, 220, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 220, 172) }
```

Border

The CSS property to change the border of an element to XYZ 69.6575, 73.0422, 49.4569 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(242, 220, 172) }
```


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

```
.border{ border-color:rgb(242, 220, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 220, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 220, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 220, 172);  
box-shadow:4px 4px 4px 4px rgb(242, 220,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6575, 73.0422, 49.4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 220, 172) }
```

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

```
.background{ background-color: rgb(242,  
220, 172) }
```

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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