

Converting Colors

XYZ(69.6551, 72.9057, 51.8440)

Have a look what the booklet for
XYZ(69.6551, 72.9057, 51.8440)
contains.

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Color

**XYZ(69.8046, 73.0615,
52.0182)**

Conversions

Conversions Part 1

Format	Color
Hex	F1DCB1
RGB	241, 220, 177
RGB Percent	95%, 86%, 69%
CMY	0.0549, 0.1372, 0.3059
CMYK	0.00, 0.09, 0.27, 0.05
HSL	40°, 70%, 82%
HSV	40°, 27%, 95%
XYZ	69.8046, 73.0615, 52.0182
YIQ	221.3770, 26.3190, -8.9210

Conversions

Conversions Part 2

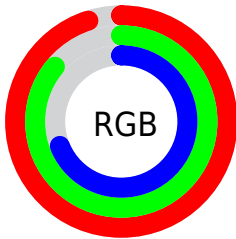
Format	Color
RYB	208, 241, 177
Decimal	15850673
CIELab	88.48, 0.78, 23.78
CIELCh	88, 23.797, 88.120
Yxy	73.0615, 0.3582, 0.3749
Android (android.graphics.Color)	4294040753 (0xFFFF1DCB1)
YUV	221.3770, -21.8779, 17.2094
Hunter-Lab	85.4760, -3.8097, 23.7511

Details

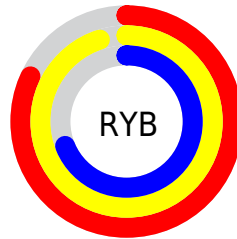
The XYZ color **69.8046, 73.0615, 52.0182** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.2023, 56.0846, 91.1879**, and the grayscale version is **69.1298, 72.7300, 79.2029**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **36.8604, 38.5559, 24.5681** is the 20% darker color. If you saturate the color by 10%, you get **65.5859, 68.1346, 39.7891**, and if you desaturate by 10%, it is **74.5495, 78.3610, 66.5173**.

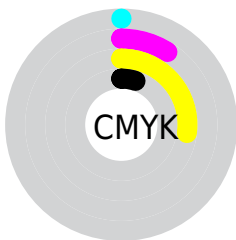
Distribution



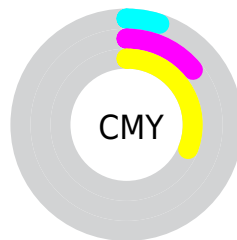
- Red (95%)
- Green (86%)
- Blue (69%)



- Red (82%)
- Yellow (95%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (27%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8046, 73.0615, 52.0182 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 69.8046, 73.0615, 52.0182 by changing the saturation by 10% instead.

69.8046, 73.0615,
52.0182

69.8046, 73.0615,
52.0182

449.1407,
471.2279, 411.4658

51.6463, 54.0263,
36.6372

117.9578,
123.5645, 94.5849

36.9463, 38.6226,
24.6332

148.6835,
155.8011, 122.6078

25.3394, 26.4663,
15.5874

184.3289,
193.2068, 155.6817

16.4602, 17.1728,
9.0815

225.2595,
236.1662, 194.2252

9.9433, 10.3578,
4.6968

271.8407,
285.0637, 238.6568

5.4234, 5.6368,
2.0149

324.4377,

2.5350, 2.6255,

340.2835, 289.3951

0.5644

383.4159,
402.2101, 346.8586

■ 0.9130, 0.9395,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.8046, 73.0615,
52.0182

■ 69.8046, 73.0615,
52.0182

■ 65.5859, 68.1346,
39.7891

■ 74.5495, 78.3610,
66.5173

■ 61.8641, 63.5588,
29.7074

■ 79.8369, 84.0341,
83.3911

■ 58.6153, 59.3248,
21.6459

■ 85.6893, 90.0943,
102.7433

■ 55.8111, 55.4192,
15.4620

■ 89.0198, 95.3090,
108.3124

■ 53.4196, 51.8268,
10.9941

■ 90.0857, 97.4408,
108.6677

■ 51.4034, 48.5303,
8.0533

■ 49.7160, 45.5088,
6.4021

■ 49.1858, 44.5211,
6.0011

Harmonies

Analogous

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



75.4207, 73.0615, 55.6706



69.8046, 73.0615, 52.0182



64.3824, 73.0615, 54.8592

Triad

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



69.8046, 73.0615, 52.0182



60.1791, 73.0615, 95.3555



79.2165, 73.0615, 97.3916

Complementary

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



69.8046, 73.0615, 52.0182



54.2023, 56.0846, 91.1879

Split Complementary

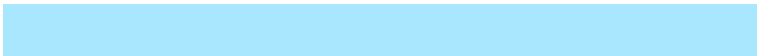
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7616, 73.0615, 110.7235



69.8046, 73.0615, 52.0182



63.7894, 73.0615, 109.4390

Square

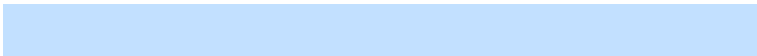
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.8046, 73.0615, 52.0182



59.0110, 73.0615, 78.5216



69.0822, 73.0615, 115.4060



81.0367, 73.0615, 80.5905

Rectangle

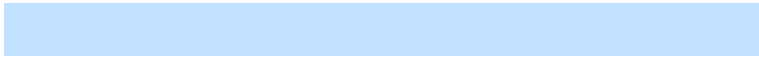
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.8046, 73.0615, 52.0182



61.5647, 73.0615, 60.3060



69.0822, 73.0615, 115.4060



77.9658, 73.0615, 102.5095

Sweetspot

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



69.8065, 73.0648, 52.0197



89.8398, 94.5594, 91.8113



62.2299, 54.2385, 60.8179



19.0296, 20.0274, 19.0070



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.



69.8065, 73.0648, 52.0197



76.6288, 79.9071, 51.1232



72.1317, 82.9634, 53.8078



16.6605, 17.5342, 16.6560



26.8006, 24.3993, 3.2970



2.3199, 2.2106, 0.3044

Inverse Universe

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



54.2023, 56.0846, 91.1879



56.0654, 57.5364, 102.7584



52.2572, 48.4452, 89.8158



15.3207, 16.0756, 20.0170



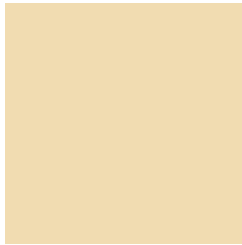
10.2377, 6.6996, 45.8814



0.9392, 0.7323, 3.8461

Previews

White Background



This preview shows how the XYZ color 69.8046, 73.0615, 52.0182 looks on a white background.

Color Contrast Check

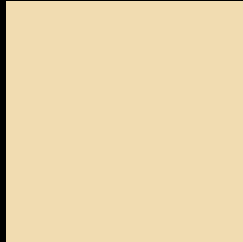
Large Text (above 18pt) WCAG AA × Fail

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 69.8046, 73.0615, 52.0182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

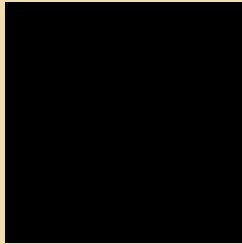
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8046, 73.0615, 52.0182

Background



This preview shows how black text looks on a background with the XYZ color 69.8046, 73.0615, 52.0182.



This preview shows how white text looks on a background with the XYZ color 69.8046, 73.0615,

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

69.8046, 73.0615, 52.0182

Protanopia

68.7492, 73.2898, 52.6423

Deuteranopia

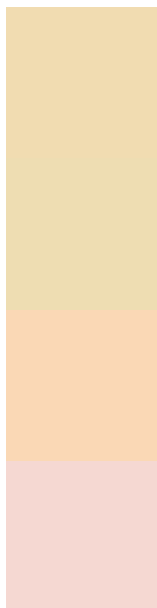
73.9383, 72.8138, 55.5049



Tritanopia

76.2949, 73.0198, 84.2018

Trichromacy



Original Color

69.8046, 73.0615, 52.0182

Protanomaly

69.1522, 73.1044, 52.5853

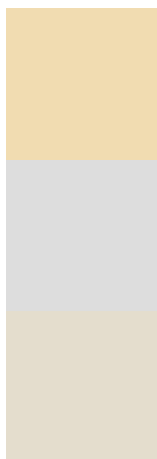
Deuteranomaly

72.3207, 72.7719, 53.9507

Tritanomaly

73.8449, 73.1774, 71.2054

Monochromacy



Original Color

69.8046, 73.0615, 52.0182

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8708, 72.6147, 68.1438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8046, 73.0615, 52.0182 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(241, 220, 177)` looks like.

```
.text, #text, p{  
    color:rgb(241, 220, 177)  
}
```

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(241, 220, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 220, 177) }
```

Border

The CSS property to change the border of an element to XYZ 69.8046, 73.0615, 52.0182 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(241, 220, 177) }
```


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

```
.border{ border-color:rgb(241, 220, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 220, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 220, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 220, 177);  
box-shadow:4px 4px 4px 4px rgb(241, 220,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8046, 73.0615, 52.0182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 220, 177) }
```

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

```
.background{ background-color: rgb(241,  
220, 177) }
```

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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