

Converting Colors

XYZ(85.0131, 78.1442, 52.6380)

Have a look what the booklet for
XYZ(85.0131, 78.1442, 52.6380)
contains.

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Color

**XYZ(73.0701, 72.0629,
52.1778)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5B2
RGB	255, 213, 178
RGB Percent	100%, 84%, 70%
CMY	0.0000, 0.1647, 0.3020
CMYK	0.00, 0.16, 0.30, 0.00
HSL	27°, 100%, 85%
HSV	27°, 30%, 100%
XYZ	73.0701, 72.0629, 52.1778
YIQ	221.5680, 36.2670, -1.9810

Conversions

Conversions Part 2

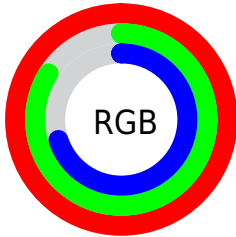
Format	Color
R _Y B	255, 242, 178
Decimal	16766386
CIE Lab	88.00, 9.77, 22.80
CIE LCh	88, 24.805, 66.805
Yxy	72.0629, 0.3703, 0.3652
Android (android.graphics.Color)	4294956466 (0xFFFFD5B2)
YUV	221.5680, -21.4790, 29.3199
Hunter-Lab	84.8899, 5.0890, 22.9801

Details

The XYZ color **73.0701, 72.0629, 52.1778** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.0024, 67.8691, 104.4399**, and the grayscale version is **69.2568, 72.8635, 79.3484**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **38.9545, 37.8047, 24.6460** is the 20% darker color. If you saturate the color by 10%, you get **67.3950, 64.4360, 38.8070**, and if you desaturate by 10%, it is **79.5249, 80.4868, 68.1580**.

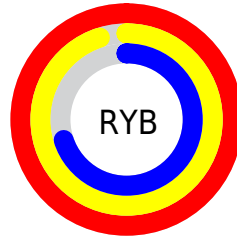
Distribution



Red (100%)

Green (84%)

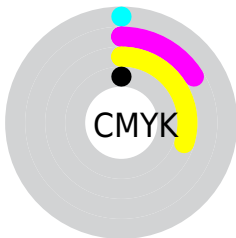
Blue (70%)



Red (100%)

Yellow (95%)

Blue (70%)

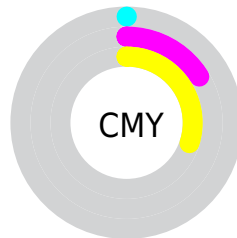


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0701, 72.0629, 52.1778 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 73.0701, 72.0629, 52.1778 by changing the saturation by 10% instead.


 73.0701, 72.0629,
52.1778

 73.0701, 72.0629,
52.1778


460.3578,
467.7605, 412.0991

 54.3219, 53.2101,
36.7636


 122.5793,
122.1460, 94.8227

 39.0907, 37.9705,
24.7302


154.0710,
154.1450, 122.8904

 27.0114, 25.9598,
15.6589


190.5412,
191.2948, 156.0130

 17.7184, 16.7936,
9.1314

232.3553,
233.9799, 194.6092

 10.8465, 10.0874,
4.7290

279.8787,
282.5846, 239.0973

 6.0302, 5.4570,
2.0332

333.4766,

 2.9043, 2.5178,

337.4934, 289.8960

0.5756

393.5145,
399.0905, 347.4237

■ 1.1034, 0.8855,
0.0000

■ 0.0279, 0.0000,
0.0000

■ 73.0701, 72.0629,
52.1778

■ 73.0701, 72.0629,
52.1778

■ 67.3950, 64.4360,
38.8070

■ 79.5249, 80.4868,
68.1580

■ 62.4601, 57.5707,
27.8995

■ 86.7855, 89.7219,
86.8740

■ 58.2304, 51.4430,
19.3016

94.8833, 99.7947,
108.4492

■ 54.6655, 46.0237,
12.8401

95.0500, 100.0000,
108.9000

■ 51.7198, 41.2811,
8.3168

■ 49.3401, 37.1795,
5.4957

■ 47.4771, 33.7341,
4.0090

Harmonies

Analogous

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



78.0066, 72.0629, 60.5280



73.0701, 72.0629, 52.1778



67.1551, 72.0629, 50.3687

Triad

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



73.0701, 72.0629, 52.1778



57.8126, 72.0629, 82.3864



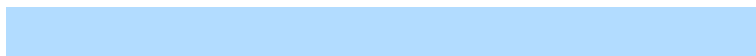
75.5337, 72.0629, 107.5311

Complementary

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



73.0701, 72.0629, 52.1778



62.0024, 67.8691, 104.4399

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.



69.8498, 72.0629, 115.4425



73.0701, 72.0629, 52.1778



59.7873, 72.0629, 99.6341

Square

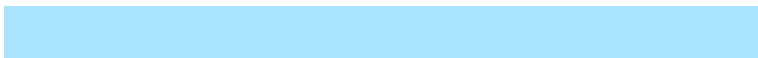
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0701, 72.0629, 52.1778



58.5651, 72.0629, 66.3252



64.1123, 72.0629, 112.3623



79.4852, 72.0629, 92.0009

Rectangle

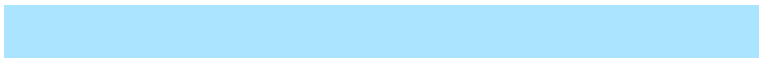
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0701, 72.0629, 52.1778



63.4931, 72.0629, 52.8412



64.1123, 72.0629, 112.3623



73.7501, 72.0629, 111.2643

Sweetspot

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



73.0720, 72.0662, 52.1793



87.7088, 90.8815, 89.3003



70.1255, 58.2874, 75.5086



18.5331, 19.1506, 18.4830



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.



73.0720, 72.0662, 52.1793



69.6843, 67.5426, 44.1086



83.8201, 93.5626, 55.7620



18.6896, 19.3473, 18.8937



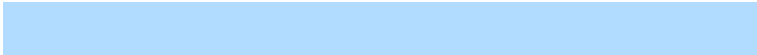
24.9526, 17.9164, 2.1431



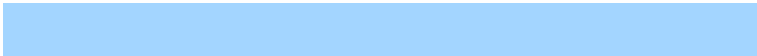
2.5371, 1.9595, 0.2445

Inverse Universe

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



62.0024, 67.8691, 104.4399



57.0565, 62.7501, 103.7125



53.1081, 50.0804, 101.4751



17.8240, 19.0197, 22.9817



14.4125, 13.7346, 51.3260



1.5125, 1.5558, 5.0338

Previews

White Background



This preview shows how the XYZ color 73.0701, 72.0629, 52.1778 looks on a white background.

Color Contrast Check

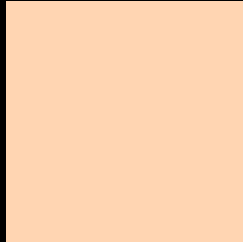
Large Text (above 18pt) WCAG AA × Fail

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 73.0701, 72.0629, 52.1778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

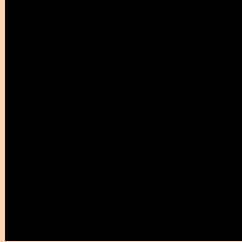
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0701, 72.0629, 52.1778

Background



This preview shows how black text looks on a background with the XYZ color 73.0701, 72.0629, 52.1778.



This preview shows how white text looks on a background with the XYZ color 73.0701, 72.0629,

52.1778.

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

73.0701, 72.0629, 52.1778

Protanopia

67.9684, 72.0562, 54.5819

Deuteranopia

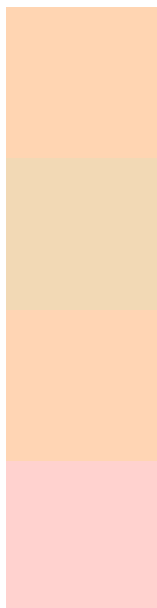
73.3747, 72.1847, 53.7818



Tritanopia

77.3597, 72.1886, 79.6685

Trichromacy



Original Color

73.0701, 72.0629, 52.1778

Protanomaly

69.7713, 71.8391, 53.9051

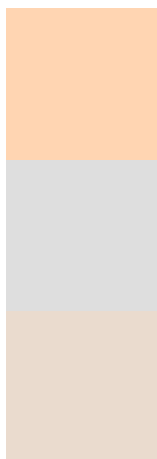
Deuteranomaly

73.2725, 72.1438, 53.2433

Tritanomaly

75.5491, 71.8582, 68.9196

Monochromacy



Original Color

73.0701, 72.0629, 52.1778

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.4038, 72.6117, 68.6973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0701, 72.0629, 52.1778 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(255, 213, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 178)  
}
```

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(255, 213, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 178) }
```

Border

The CSS property to change the border of an element to XYZ 73.0701, 72.0629, 52.1778 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(255, 213, 178) }
```


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

```
.border{ border-color:rgb(255, 213, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0701, 72.0629, 52.1778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 178) }
```

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

```
.background{ background-color: rgb(255,  
213, 178) }
```

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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