

Converting Colors

XYZ(119.0109, 96.2801,
54.9628)

Have a look what the booklet for
XYZ(119.0109, 96.2801, 54.9628)
contains.

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Color

**XYZ(73.4233, 72.6078,
52.7927)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD6B3 |
| RGB | 255, 214, 179 |
| RGB Percent | 100%, 84%, 70% |
| CMY | 0.0000, 0.1608, 0.2980 |
| CMYK | 0.00, 0.16, 0.30, 0.00 |
| HSL | 28°, 100%, 85% |
| HSV | 28°, 30%, 100% |
| XYZ | 73.4233, 72.6078, 52.7927 |
| YIQ | 222.2690, 35.6710, -2.1930 |

Conversions

Conversions Part 2

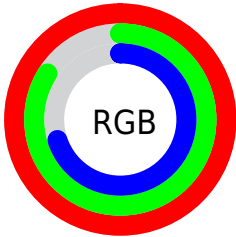
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 244, 179 |
| Decimal | 16766643 |
| CIE Lab | 88.26, 9.38, 22.64 |
| CIE LCh | 88, 24.504, 67.495 |
| Yxy | 72.6078, 0.3693, 0.3652 |
| Android (android.graphics.Color) | 4294956723 (0xFFFFD6B3) |
| YUV | 222.2690, -21.3316, 28.7051 |
| Hunter-Lab | 85.2102, 4.6907, 22.9135 |

Details

The XYZ color **73.4233, 72.6078, 52.7927** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.2328, 67.9879, 104.4507**, and the grayscale version is **69.7512, 73.3837, 79.9148**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **39.1900, 38.1729, 25.0412** is the 20% darker color. If you saturate the color by 10%, you get **67.7439, 65.0017, 39.3308**, and if you desaturate by 10%, it is **79.8771, 80.9992, 68.8672**.

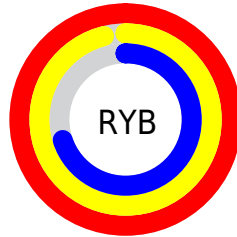
Distribution



Red (100%)

Green (84%)

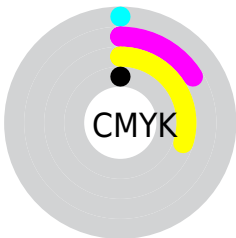
Blue (70%)



Red (100%)

Yellow (96%)

Blue (70%)

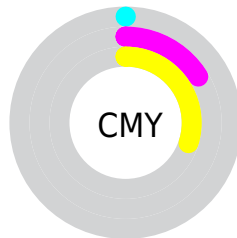


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4233, 72.6078, 52.7927 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 73.4233, 72.6078, 52.7927 by changing the saturation by 10% instead.


 73.4233, 72.6078,
52.7927

 73.4233, 72.6078,
52.7927


461.5617,
469.6544, 414.5330

 54.6118, 53.6553,
37.2507


 123.0779,
122.9203, 95.7377

 39.3236, 38.3262,
25.1044


154.6516,
155.0491, 123.9778

 27.1934, 26.2359,
15.9351


191.2101,
192.3387, 157.2877

 17.8559, 17.0002,
9.3244

233.1187,
235.1737, 196.0860

 10.9456, 10.2347,
4.8537

280.7428,
283.9384, 240.7911

 6.0973, 5.5548,
2.1044

334.4478,

 2.9456, 2.5763,

339.0171, 291.8216

0.6184

394.5990,
400.7943, 349.5960

■ 1.1250, 0.9148,
0.0000

■ 0.0459, 0.0000,
0.0000

■ 73.4233, 72.6078,
52.7927

■ 73.4233, 72.6078,
52.7927

■ 67.7439, 65.0017,
39.3308

■ 79.8771, 80.9992,
68.8672

■ 62.8001, 58.1460,
28.3361

■ 87.1314, 90.1897,
87.6803

■ 58.5574, 52.0176,
19.6553

95.0500, 100.0000,
108.9000

■ 54.9755, 46.5877,
13.1163

■ 52.0096, 41.8254,
8.5222

■ 49.6071, 37.6958,
5.6388

■ 47.6886, 34.1528,
4.0931

■ 47.6541, 34.0882,
4.0680

Harmonies

Analogous

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



78.3613, 72.6078, 60.9659



73.4233, 72.6078, 52.7927



67.5494, 72.6078, 51.1403

Triad

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



73.4233, 72.6078, 52.7927



58.4133, 72.6078, 83.3502



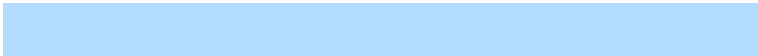
76.1136, 72.6078, 107.5830

Complementary

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



73.4233, 72.6078, 52.7927



62.2328, 67.9879, 104.4507

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.



70.4946, 72.6078, 115.6392



73.4233, 72.6078, 52.7927



60.4368, 72.6078, 100.4150

Square

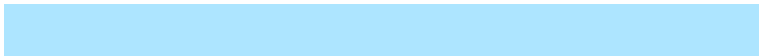
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4233, 72.6078, 52.7927



59.0989, 72.6078, 67.3171



64.7801, 72.6078, 112.8454



79.9749, 72.6078, 92.0894

Rectangle

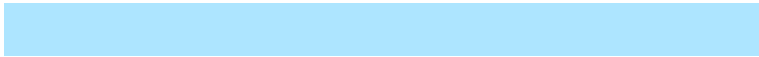
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4233, 72.6078, 52.7927



63.9299, 72.6078, 53.7068



64.7801, 72.6078, 112.8454



74.3556, 72.6078, 111.3439

Sweetspot

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



73.4250, 72.6111, 52.7942



87.7498, 90.9634, 89.3140



70.3851, 58.7108, 75.8902



18.5432, 19.1708, 18.4864



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.



73.4250, 72.6111, 52.7942



69.8158, 67.8055, 44.1524



83.9366, 93.6342, 56.2980



18.6988, 19.3658, 18.8968



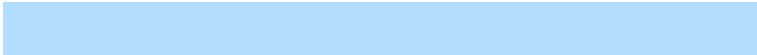
25.0458, 18.1029, 2.1741



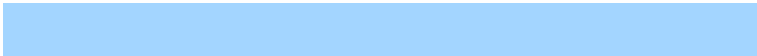
2.5464, 1.9783, 0.2476

Inverse Universe

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



62.2328, 67.9879, 104.4507



56.9184, 62.4740, 103.6665



53.5334, 50.5891, 101.5509



17.8147, 19.0010, 22.9786



14.2978, 13.5051, 51.2878



1.5015, 1.5336, 5.0302

Previews

White Background



This preview shows how the XYZ color 73.4233, 72.6078, 52.7927 looks on a white background.

Color Contrast Check

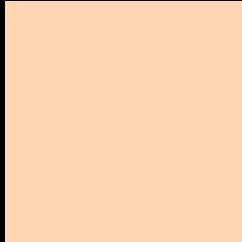
Large Text (above 18pt) WCAG AA × Fail

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 73.4233, 72.6078, 52.7927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

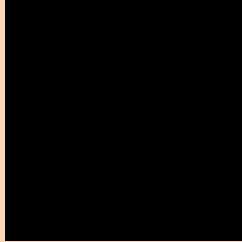
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4233, 72.6078, 52.7927

Background



This preview shows how black text looks on a background with the XYZ color 73.4233, 72.6078, 52.7927.



This preview shows how white text looks on a background with the XYZ color 73.4233, 72.6078,

52.7927.

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

73.4233, 72.6078, 52.7927

Protanopia

68.2316, 72.5827, 54.6696

Deuteranopia

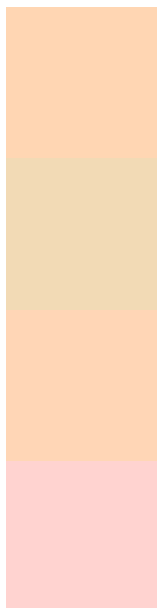
73.8338, 72.7720, 54.9547



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

73.4233, 72.6078, 52.7927

Protanomaly

70.0298, 72.3562, 53.9912

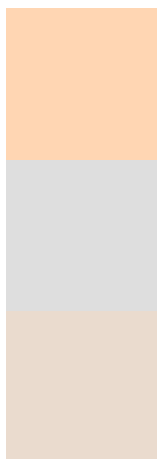
Deuteranomaly

73.7301, 72.7305, 54.4084

Tritanomaly

75.9194, 72.4026, 69.6482

Monochromacy



Original Color

73.4233, 72.6078, 52.7927

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 73.4233, 72.6078, 52.7927 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, 214, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 179)  
}
```

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, 214, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 179) }
```

Border

The CSS property to change the border of an element to XYZ 73.4233, 72.6078, 52.7927 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, 214, 179) }
```


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

```
.border{ border-color:rgb(255, 214, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4233, 72.6078, 52.7927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 179) }
```

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

```
.background{ background-color: rgb(255,  
214, 179) }
```

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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