

Converting Colors

XYZ(81.6807, 76.5197, 56.4934)

Have a look what the booklet for
XYZ(81.6807, 76.5197, 56.4934)
contains.

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Color

**XYZ(73.7912, 72.3513,
55.9749)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5B9
RGB	255, 213, 185
RGB Percent	100%, 84%, 73%
CMY	0.0000, 0.1647, 0.2745
CMYK	0.00, 0.16, 0.27, 0.00
HSL	24°, 100%, 86%
HSV	24°, 27%, 100%
XYZ	73.7912, 72.3513, 55.9749
YIQ	222.3660, 34.0200, 0.1960

Conversions

Conversions Part 2

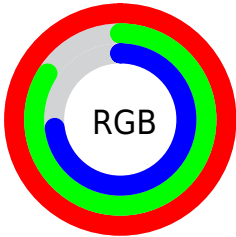
Format	Color
R _Y B	255, 232, 185
Decimal	16766393
CIE Lab	88.14, 10.67, 19.33
CIE LCh	88, 22.082, 61.093
Yxy	72.3513, 0.3651, 0.3580
Android (android.graphics.Color)	4294956473 (0xFFFFD5B9)
YUV	222.3660, -18.4214, 28.6200
Hunter-Lab	85.0596, 5.9988, 20.5249

Details

The XYZ color **73.7912, 72.3513, 55.9749** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.5258, 72.4701, 105.1423**, and the grayscale version is **69.8008, 73.4359, 79.9716**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **39.4177, 37.9900, 27.0851** is the 20% darker color. If you saturate the color by 10%, you get **67.6691, 64.0356, 41.8232**, and if you desaturate by 10%, it is **80.7627, 81.5927, 72.7933**.

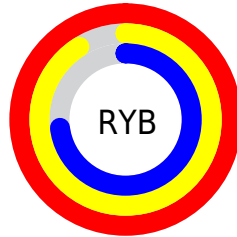
Distribution



Red (100%)

Green (84%)

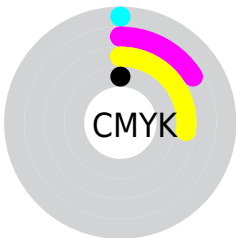
Blue (73%)



Red (100%)

Yellow (91%)

Blue (73%)

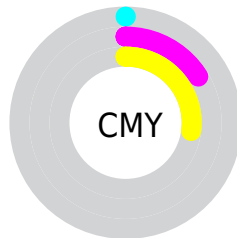


Cyan (0%)

Magenta (16%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7912, 72.3513, 55.9749 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 73.7912, 72.3513, 55.9749 by changing the saturation by 10% instead.


 73.7912, 72.3513,
55.9749

 73.7912, 72.3513,
55.9749


462.8139,
468.7634, 426.9826

 54.9138, 53.4457,
39.7789


 123.5969,
122.5559, 100.4533

 39.5663, 38.1587,
27.0538


155.2559,
154.6236, 129.5728

 27.3833, 26.1059,
17.3808


191.9062,
191.8475, 163.8373

 17.9994, 16.9029,
10.3415

233.9130,
234.6120, 203.6652

 11.0492, 10.1653,
5.5174

281.6419,
283.3014, 249.4752

 6.1675, 5.5087,
2.4899

335.4581,

 2.9888, 2.5487,

338.3002, 301.6857

0.8348

395.7270,
399.9927, 360.7153

■ 1.1478, 0.9009,
0.0000

■ 0.0646, 0.0000,
0.0000

■ 73.7912, 72.3513,
55.9749

■ 73.7912, 72.3513,
55.9749

■ 67.6691, 64.0356,
41.8232

■ 80.7627, 81.5927,
72.7933

■ 62.3553, 56.6055,
30.1943

■ 88.6118, 91.7786,
92.4029

■ 57.8129, 50.0320,
20.9378

95.0500, 100.0000,
108.9000

■ 53.9995, 44.2808,
13.8849

■ 50.8681, 39.3145,
8.8443

■ 48.3647, 35.0921,
5.5910

■ 46.4214, 31.5659,
3.8328

■ 45.9933, 30.7666,
3.5144

Harmonies

Analogous

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



77.8298, 72.3513, 64.7009



73.7912, 72.3513, 55.9749



68.5743, 72.3513, 53.1446

Triad

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



73.7912, 72.3513, 55.9749



59.1115, 72.3513, 79.3341



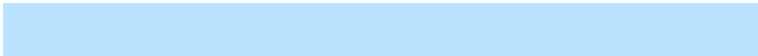
74.1433, 72.3513, 106.3816

Complementary

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



73.7912, 72.3513, 55.9749



65.5258, 72.4701, 105.1423

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.



68.9615, 72.3513, 111.5587



73.7912, 72.3513, 55.9749



60.4379, 72.3513, 94.7624

Square

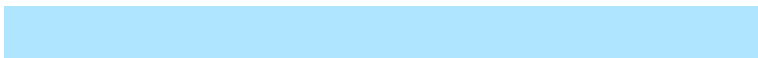
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7912, 72.3513, 55.9749



60.2604, 72.3513, 65.5469



63.9776, 72.3513, 107.0605



78.0403, 72.3513, 93.6801

Rectangle

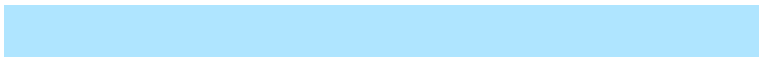
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7912, 72.3513, 55.9749



65.1796, 72.3513, 54.6526



63.9776, 72.3513, 107.0605



72.4853, 72.3513, 109.1274

Sweetspot

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



73.7930, 72.3546, 55.9764



88.1569, 91.1936, 91.2504



72.4545, 61.5047, 80.7264



18.6058, 19.1797, 18.8658



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.



73.7930, 72.3546, 55.9764



70.2922, 67.6262, 47.8015



83.5646, 91.8978, 59.2336



18.6058, 19.1797, 18.8658



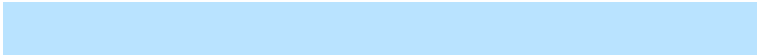
24.1688, 16.3489, 1.8818



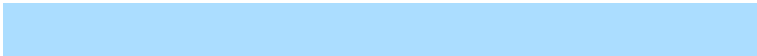
2.4567, 1.7987, 0.2177

Inverse Universe

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



65.5258, 72.4701, 105.1423



60.7565, 67.7503, 104.4826



56.9080, 55.2344, 102.2697



17.9095, 19.1905, 23.0102



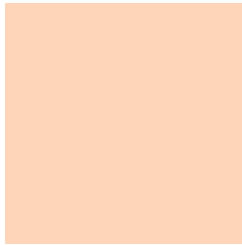
15.5321, 15.9738, 51.6992



1.6193, 1.7693, 5.0694

Previews

White Background



This preview shows how the XYZ color 73.7912, 72.3513, 55.9749 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 73.7912, 72.3513, 55.9749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

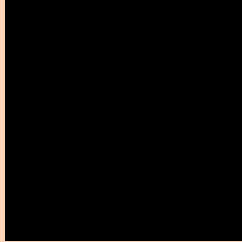
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7912, 72.3513, 55.9749

Background



This preview shows how black text looks on a background with the XYZ color 73.7912, 72.3513, 55.9749.



This preview shows how white text looks on a background with the XYZ color 73.7912, 72.3513,

55.9749.

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

73.7912, 72.3513, 55.9749

Protanopia

68.6460, 72.7107, 58.5606

Deuteranopia

73.8972, 72.3937, 56.5329



Tritanopia

77.3597, 72.1886, 79.6685

Trichromacy



Original Color

73.7912, 72.3513, 55.9749

Protanomaly

70.4241, 72.4744, 57.8542

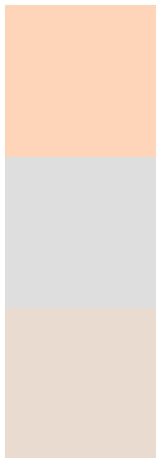
Deuteranomaly

73.8972, 72.3937, 56.5329

Tritanomaly

75.7952, 71.9566, 70.2158

Monochromacy



Original Color

73.7912, 72.3513, 55.9749

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.7718, 72.7589, 70.6354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7912, 72.3513, 55.9749 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 185) }
```

Border

The CSS property to change the border of an element to XYZ 73.7912, 72.3513, 55.9749 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, 185) }
```


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

```
.border{ border-color:rgb(255, 213, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7912, 72.3513, 55.9749 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, 185) }
```

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

```
.background{ background-color: rgb(255,  
213, 185) }
```

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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