

Converting Colors

XYZ(73.6313, 73.5147, 51.3488)

Have a look what the booklet for
XYZ(73.6313, 73.5147, 51.3488)
contains.

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Color

**XYZ(73.6323, 73.5063,
51.3816)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8B0
RGB	255, 216, 176
RGB Percent	100%, 85%, 69%
CMY	0.0000, 0.1529, 0.3098
CMYK	0.00, 0.15, 0.31, 0.00
HSL	30°, 100%, 85%
HSV	30°, 31%, 100%
XYZ	73.6323, 73.5063, 51.3816
YIQ	223.1010, 36.0840, -4.1720

Conversions

Conversions Part 2

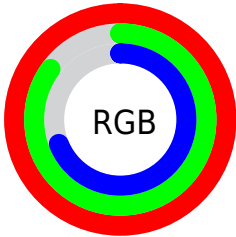
Format	Color
RYB	253, 255, 176
Decimal	16767152
CIELab	88.69, 7.97, 24.79
CIELCh	89, 26.038, 72.181
Yxy	73.5063, 0.3709, 0.3703
Android (android.graphics.Color)	4294957232 (0xFFFFD8B0)
YUV	223.1010, -23.2208, 27.9754
Hunter-Lab	85.7358, 3.2631, 24.4825

Details

The XYZ color **73.6323, 73.5063, 51.3816** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.2542, 65.0489, 103.9877**, and the grayscale version is **70.3545, 74.0184, 80.6060**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **39.3460, 38.7901, 24.1524** is the 20% darker color. If you saturate the color by 10%, you get **68.2407, 66.3885, 38.2841**, and if you desaturate by 10%, it is **79.7487, 81.3145, 67.0604**.

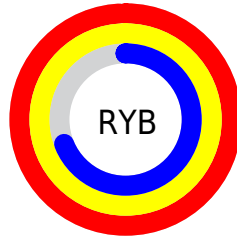
Distribution



Red (100%)

Green (85%)

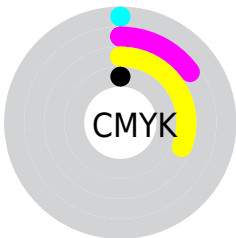
Blue (69%)



Red (99%)

Yellow (100%)

Blue (69%)

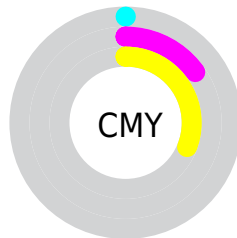


Cyan (0%)

Magenta (15%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6323, 73.5063, 51.3816 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 73.6323, 73.5063, 51.3816 by changing the saturation by 10% instead.


 73.6323, 73.5063,
51.3816

 73.6323, 73.5063,
51.3816

462.2733,
472.7677, 408.9334

 54.7834, 54.3901,
36.1336


 123.3727,
124.1957, 93.6359

 39.4615, 38.9136,
24.2469


154.9949,
156.5377, 121.4792

 27.3012, 26.6925,
15.3029


191.6056,
194.0570, 154.3580

 17.9373, 17.3424,
8.8833

233.5701,
237.1380, 192.6908

 11.0044, 10.4789,
4.5694

281.2537,
286.1652, 236.8962

 6.1371, 5.7176,
1.9426

335.0219,

 2.9701, 2.6742,

341.5230, 287.3928

0.5196

395.2400,
403.5957, 344.5990

■ 1.1380, 0.9641,
0.0000

■ 0.0565, 0.0000,
0.0000

■ 73.6323, 73.5063,
51.3816

■ 73.6323, 73.5063,
51.3816

■ 68.2407, 66.3885,
38.2841

■ 79.7487, 81.3145,
67.0604

■ 63.5361, 59.9294,
27.6215

■ 86.6140, 89.8234,
85.4470

■ 59.4856, 54.1092,
19.2395

■ 94.2582, 99.0559,
106.6647

■ 56.0504, 48.9031,
12.9640

■ 95.0500, 100.0000,
108.9000

■ 53.1870, 44.2837,
8.5953

■ 50.8438, 40.2202,
5.8942

■ 49.1076, 36.9952,
4.5525

Harmonies

Analogous

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



79.2165, 73.5063, 58.9579



73.6323, 73.5063, 51.3816



67.3446, 73.5063, 50.7281

Triad

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



73.6323, 73.5063, 51.3816



58.6977, 73.5063, 87.5690



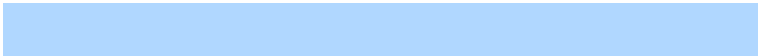
78.3053, 73.5063, 108.5447

Complementary

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



73.6323, 73.5063, 51.3816



60.2542, 65.0489, 103.9877

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.



72.4486, 73.5063, 118.8921



73.6323, 73.5063, 51.3816



61.2810, 73.5063, 105.6196

Square

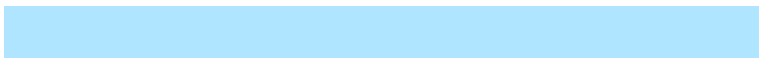
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6323, 73.5063, 51.3816



58.9723, 73.5063, 69.8974



66.2295, 73.5063, 117.7477



82.0238, 73.5063, 91.1101

Rectangle

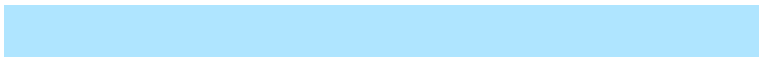
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6323, 73.5063, 51.3816



63.6201, 73.5063, 54.1535



66.2295, 73.5063, 117.7477



76.5069, 73.5063, 113.0770

Sweetspot

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



73.6342, 73.5097, 51.3831



88.0646, 91.5931, 89.4189



69.0959, 57.2435, 72.0353



18.6206, 19.3257, 18.5122



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.



73.6342, 73.5097, 51.3831



70.3027, 69.1420, 43.1970



84.8367, 95.9147, 55.1173



18.7697, 19.5076, 18.9204



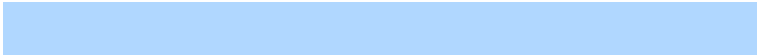
25.8095, 19.6303, 2.4287



2.6223, 2.1300, 0.2729

Inverse Universe

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



60.2542, 65.0489, 103.9877



55.0440, 59.4937, 103.1900



51.4806, 47.5017, 101.0632



17.7435, 18.8586, 22.9548



13.4700, 11.8496, 51.0118



1.4206, 1.3719, 5.0032

Previews

White Background



This preview shows how the XYZ color 73.6323, 73.5063, 51.3816 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 73.6323, 73.5063, 51.3816 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 73.6323, 73.5063, 51.3816

Background



This preview shows how black text looks on a background with the XYZ color 73.6323, 73.5063, 51.3816.



This preview shows how white text looks on a background with the XYZ color 73.6323, 73.5063,

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

73.6323, 73.5063, 51.3816

Protanopia

69.1830, 73.5018, 53.1887

Deuteranopia

74.1922, 73.3216, 55.5895



Tritanopia

78.1249, 73.2848, 81.2619

Trichromacy



Original Color

73.6323, 73.5063, 51.3816

Protanomaly

70.9373, 73.6338, 52.5934

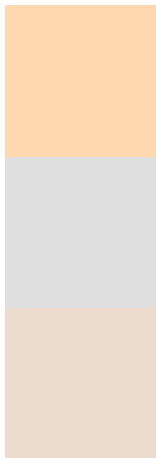
Deuteranomaly

73.8809, 73.1971, 53.9506

Tritanomaly

76.2967, 73.3535, 69.1689

Monochromacy



Original Color

73.6323, 73.5063, 51.3816

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.9947, 73.3048, 68.7999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6323, 73.5063, 51.3816 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, 216, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 176)  
}
```

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, 216, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 176) }
```

Border

The CSS property to change the border of an element to XYZ 73.6323, 73.5063, 51.3816 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, 216, 176) }
```


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

```
.border{ border-color:rgb(255, 216, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6323, 73.5063, 51.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 176) }
```

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

```
.background{ background-color: rgb(255,  
216, 176) }
```

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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