

Converting Colors

XYZ(73.2478, 73.4062, 49.1915)

Have a look what the booklet for
XYZ(73.2478, 73.4062, 49.1915)
contains.

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Color

**XYZ(73.2423, 73.3503,
49.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8AC
RGB	255, 216, 172
RGB Percent	100%, 85%, 67%
CMY	0.0000, 0.1529, 0.3255
CMYK	0.00, 0.15, 0.33, 0.00
HSL	32°, 100%, 84%
HSV	32°, 33%, 100%
XYZ	73.2423, 73.3503, 49.3275
YIQ	222.6450, 37.3680, -5.4160

Conversions

Conversions Part 2

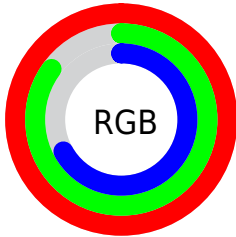
Format	Color
RYB	246, 255, 172
Decimal	16767148
CIELab	88.61, 7.48, 26.76
CIElCh	89, 27.789, 74.395
Yxy	73.3503, 0.3738, 0.3744
Android (android.graphics.Color)	4294957228 (0xFFFFD8AC)
YUV	222.6450, -24.9680, 28.3753
Hunter-Lab	85.6448, 2.7725, 25.8030

Details

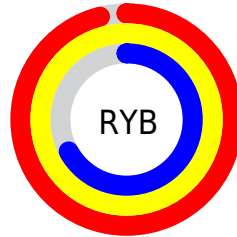
The XYZ color **73.2423, 73.3503, 49.3275** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.3568, 62.5772, 103.6106**, and the grayscale version is **70.0418, 73.6895, 80.2478**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **39.1006, 38.6920, 22.8602** is the 20% darker color. If you saturate the color by 10%, you get **68.0665, 66.5491, 36.6571**, and if you desaturate by 10%, it is **79.1154, 80.7937, 64.5503**.

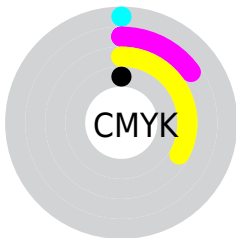
Distribution



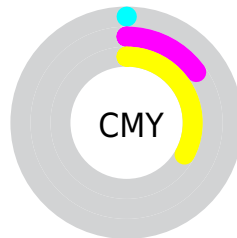
- Red (100%)
- Green (85%)
- Blue (67%)



- Red (96%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2423, 73.3503, 49.3275 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 73.2423, 73.3503, 49.3275 by changing the saturation by 10% instead.


 73.2423, 73.3503,
49.3275

 73.2423, 73.3503,
49.3275


460.9450,
472.2280, 400.6897

 54.4632, 54.2624,
34.5119


 122.8224,
123.9744, 90.5637

 39.2042, 38.8115,
23.0066


154.3541,
156.2794, 117.8214

 27.1001, 26.6131,
14.3930


190.8674,
193.7589, 150.0635

 17.7854, 17.2829,
8.2527

232.7276,
236.7973, 187.7086

 10.8948, 10.4364,
4.1670

280.3001,
285.7791, 231.1752

 6.0629, 5.6892,
1.7174

333.9503,

 2.9244, 2.6571,

341.0885, 280.8819

0.3726

394.0434,
403.1100, 337.2472

■ 1.1139, 0.9554,
0.0000

■ 0.0367, 0.0000,
0.0000

■ 73.2423, 73.3503,
49.3275

■ 73.2423, 73.3503,
49.3275

■ 68.0665, 66.5491,
36.6571

■ 79.1154, 80.7937,
64.5503

■ 63.5510, 60.3600,
26.3909

■ 85.7099, 88.8885,
82.4532

■ 59.6630, 54.7644,
18.3725

■ 93.0551, 97.6561,
103.1608

■ 56.3640, 49.7390,
12.4246

95.0500, 100.0000,
108.9000

■ 53.6102, 45.2579,
8.3427

■ 51.3498, 41.2914,
5.8798

■ 49.9316, 38.6431,
4.8272

Harmonies

Analogous

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



79.3386, 73.3503, 56.7245



73.2423, 73.3503, 49.3275



66.5618, 73.3503, 49.1813

Triad

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



73.2423, 73.3503, 49.3275



57.9631, 73.3503, 89.3990



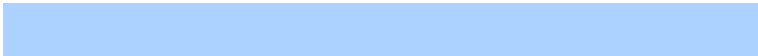
79.1290, 73.3503, 109.2523

Complementary

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



73.2423, 73.3503, 49.3275



58.3568, 62.5772, 103.6106

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.



72.9710, 73.3503, 121.2220



73.2423, 73.3503, 49.3275



60.9071, 73.3503, 108.5746

Square

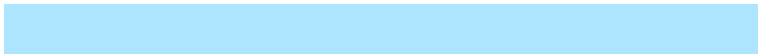
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2423, 73.3503, 49.3275



58.0254, 73.3503, 70.3419



66.3072, 73.3503, 120.9558



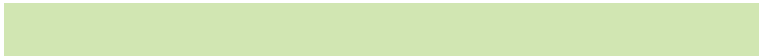
82.8828, 73.3503, 90.2132

Rectangle

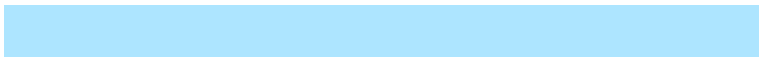
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2423, 73.3503, 49.3275



62.6867, 73.3503, 53.1143



66.3072, 73.3503, 120.9558



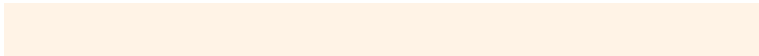
77.2548, 73.3503, 114.3624

Sweetspot

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



73.2441, 73.3536, 49.3290



87.5093, 91.0581, 87.4590



67.8914, 55.5252, 69.5044



18.5169, 19.2329, 18.1241



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.



73.2441, 73.3536, 49.3290



69.8262, 68.8921, 40.8703



83.9395, 95.4972, 53.0394



18.8067, 19.5816, 18.9327



26.2412, 20.4937, 2.5726



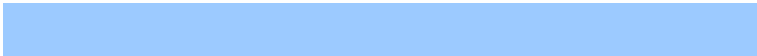
2.6644, 2.2142, 0.2870

Inverse Universe

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



58.3568, 62.5772, 103.6106



52.8580, 56.6124, 102.7491



50.1218, 45.6540, 100.7781



17.7067, 18.7850, 22.9426



13.0752, 11.0600, 50.8802



1.3813, 1.2934, 4.9901

Previews

White Background



This preview shows how the XYZ color 73.2423, 73.3503, 49.3275 looks on a white background.

Color Contrast Check

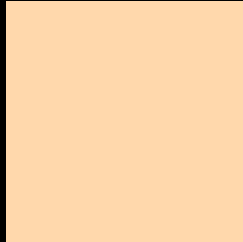
Large Text (above 18pt) WCAG AA × Fail

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 73.2423, 73.3503, 49.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

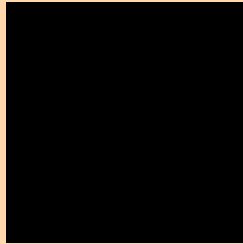
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2423, 73.3503, 49.3275

Background



This preview shows how black text looks on a background with the XYZ color 73.2423, 73.3503, 49.3275.



This preview shows how white text looks on a background with the XYZ color 73.2423, 73.3503,

49.3275.

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

73.2423, 73.3503, 49.3275

Protanopia

68.7842, 73.3422, 51.0886

Deuteranopia

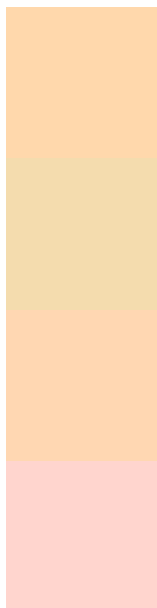
73.9839, 73.2383, 54.4930



Tritanopia

78.1249, 73.2848, 81.2619

Trichromacy



Original Color

73.2423, 73.3503, 49.3275

Protanomaly

70.5414, 73.4755, 50.5087

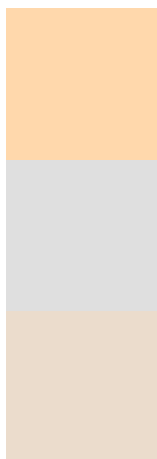
Deuteranomaly

73.5763, 73.0752, 52.3465

Tritanomaly

76.1748, 73.3047, 68.5269

Monochromacy



Original Color

73.2423, 73.3503, 49.3275

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.7532, 73.2082, 67.5282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2423, 73.3503, 49.3275 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 172) }
```

Border

The CSS property to change the border of an element to XYZ 73.2423, 73.3503, 49.3275 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, 172) }
```


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

```
.border{ border-color:rgb(255, 216, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2423, 73.3503, 49.3275 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, 172) }
```

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

```
.background{ background-color: rgb(255,  
216, 172) }
```

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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