

Converting Colors

XYZ(73.4076, 73.2736, 49.8084)

Have a look what the booklet for
XYZ(73.4076, 73.2736, 49.8084)
contains.

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Color

**XYZ(73.3387, 73.3889,
49.8353)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8AD
RGB	255, 216, 173
RGB Percent	100%, 85%, 68%
CMY	0.0000, 0.1529, 0.3216
CMYK	0.00, 0.15, 0.32, 0.00
HSL	31°, 100%, 84%
HSV	31°, 32%, 100%
XYZ	73.3387, 73.3889, 49.8353
YIQ	222.7590, 37.0470, -5.1050

Conversions

Conversions Part 2

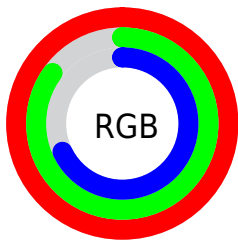
Format	Color
RYB	247, 255, 173
Decimal	16767149
CIELab	88.63, 7.60, 26.27
CIElCh	89, 27.347, 73.871
Yxy	73.3889, 0.3731, 0.3734
Android (android.graphics.Color)	4294957229 (0xFFFFD8AD)
YUV	222.7590, -24.5312, 28.2754
Hunter-Lab	85.6673, 2.8938, 25.4763

Details

The XYZ color **73.3387, 73.3889, 49.8353** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.8263, 63.1891, 103.7040**, and the grayscale version is **70.1200, 73.7717, 80.3373**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **39.1610, 38.7161, 23.1783** is the 20% darker color. If you saturate the color by 10%, you get **68.1103, 66.5112, 37.0589**, and if you desaturate by 10%, it is **79.2710, 80.9203, 65.1713**.

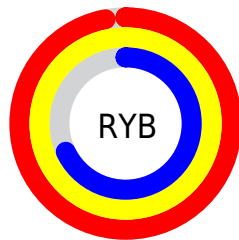
Distribution



Red (100%)

Green (85%)

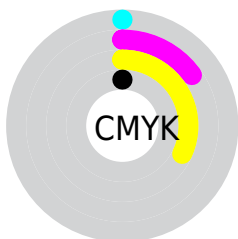
Blue (68%)



Red (97%)

Yellow (100%)

Blue (68%)

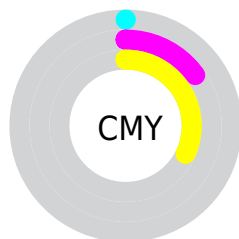


Cyan (0%)

Magenta (15%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3387, 73.3889, 49.8353 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 73.3387, 73.3889, 49.8353 by changing the saturation by 10% instead.


 73.3387, 73.3889,
49.8353

 73.3387, 73.3889,
49.8353


461.2735,
472.3616, 402.7381

 54.5423, 54.2940,
34.9123


 122.9585,
124.0291, 91.3246

 39.2678, 38.8368,
23.3123


154.5126,
156.3433, 118.7280

 27.1498, 26.6328,
14.6168


191.0499,
193.8327, 151.1285

 17.8229, 17.2976,
8.4073

232.9359,
236.8817, 188.9448

 10.9218, 10.4469,
4.2652

280.5360,
285.8746, 232.5954

 6.0812, 5.6963,
1.7719

334.2153,

 2.9357, 2.6613,

341.1960, 282.4987

0.4093

394.3394,
403.2302, 339.0735

■ 1.1198, 0.9576,
0.0000

■ 0.0416, 0.0000,
0.0000

■ 73.3387, 73.3889,
49.8353

■ 73.3387, 73.3889,
49.8353

■ 68.1103, 66.5112,
37.0589

■ 79.2710, 80.9203,
65.1713

■ 63.5486, 60.2565,
26.6943

■ 85.9312, 89.1148,
83.1942

■ 59.6207, 54.6062,
18.5856

■ 93.3489, 97.9941,
104.0283

■ 56.2881, 49.5364,
12.5563

95.0500, 100.0000,
108.9000

■ 53.5072, 45.0210,
8.4034

■ 51.2261, 41.0302,
5.8816

■ 49.7288, 38.2376,
4.7596

Harmonies

Analogous

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



79.3071, 73.3889, 57.2763



73.3387, 73.3889, 49.8353



66.7560, 73.3889, 49.5652

Triad

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



73.3387, 73.3889, 49.8353



58.1460, 73.3889, 88.9404



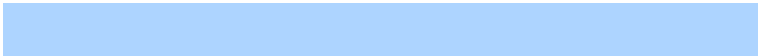
78.9225, 73.3889, 109.0730

Complementary

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



73.3387, 73.3889, 49.8353



58.8263, 63.1891, 103.7040

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.



72.8403, 73.3889, 120.6354



73.3387, 73.3889, 49.8353



61.0005, 73.3889, 107.8315

Square

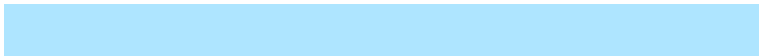
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3387, 73.3889, 49.8353



58.2607, 73.3889, 70.2318



66.2880, 73.3889, 120.1482



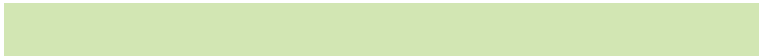
82.6672, 73.3889, 90.4346

Rectangle

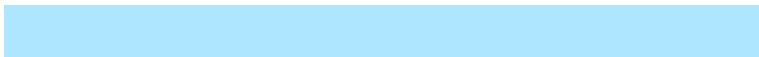
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3387, 73.3889, 49.8353



62.9184, 73.3889, 53.3734



66.2880, 73.3889, 120.1482



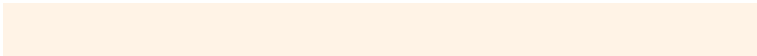
77.0674, 73.3889, 114.0382

Sweetspot

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



73.3405, 73.3923, 49.8368



87.4656, 90.9707, 87.4445



68.1478, 55.9334, 69.9122



18.5063, 19.2118, 18.1205



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.



73.3405, 73.3923, 49.8368



69.6873, 68.6143, 40.8240



84.0420, 95.5389, 53.5475



18.7978, 19.5637, 18.9298



26.1350, 20.2813, 2.5372



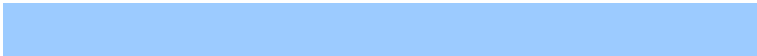
2.6541, 2.1936, 0.2835

Inverse Universe

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



58.8263, 63.1891, 103.7040



52.9922, 56.8807, 102.7938



50.5317, 46.1489, 100.8521



17.7155, 18.8027, 22.9455



13.1681, 11.2458, 50.9112



1.3906, 1.3119, 4.9932

Previews

White Background



This preview shows how the XYZ color 73.3387, 73.3889, 49.8353 looks on a white background.

Color Contrast Check

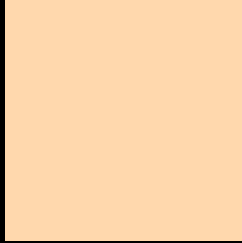
Large Text (above 18pt) WCAG AA × Fail

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 73.3387, 73.3889, 49.8353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

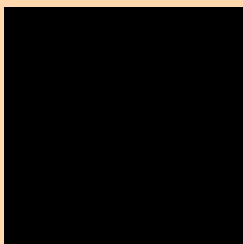
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3387, 73.3889, 49.8353

Background



This preview shows how black text looks on a background with the XYZ color 73.3387, 73.3889, 49.8353.



This preview shows how white text looks on a background with the XYZ color 73.3387, 73.3889,

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

73.3387, 73.3889, 49.8353

Protanopia

68.8828, 73.3817, 51.6079

Deuteranopia

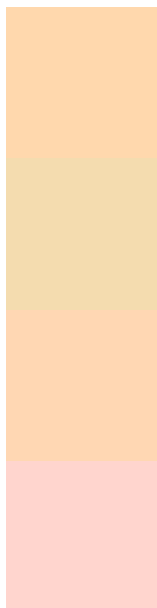
74.0877, 73.2798, 55.0393



Tritanopia

78.1249, 73.2848, 81.2619

Trichromacy



Original Color

73.3387, 73.3889, 49.8353

Protanomaly

70.6393, 73.5146, 51.0241

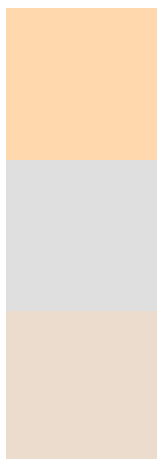
Deuteranomaly

73.6771, 73.1156, 52.8773

Tritanomaly

76.1748, 73.3047, 68.5269

Monochromacy



Original Color

73.3387, 73.3889, 49.8353

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.8736, 73.2563, 68.1621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3387, 73.3889, 49.8353 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 173) }
```

Border

The CSS property to change the border of an element to XYZ 73.3387, 73.3889, 49.8353 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, 173) }
```


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

```
.border{ border-color:rgb(255, 216, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3387, 73.3889, 49.8353 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, 173) }
```

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

```
.background{ background-color: rgb(255,  
216, 173) }
```

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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