

Converting Colors

XYZ(196.8787, 138.3800,
54.4896)

Have a look what the booklet for
XYZ(196.8787, 138.3800, 54.4896)
contains.

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Color

**XYZ(73.8272, 74.8253,
48.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBAA
RGB	255, 219, 170
RGB Percent	100%, 86%, 67%
CMY	0.0000, 0.1412, 0.3333
CMYK	0.00, 0.14, 0.33, 0.00
HSL	35°, 100%, 83%
HSV	35°, 33%, 100%
XYZ	73.8272, 74.8253, 48.5818
YIQ	224.1780, 37.1850, -7.6070

Conversions

Conversions Part 2

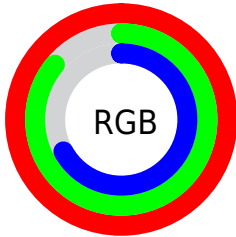
Format	Color
R_{YB}	232, 255, 170
Decimal	16767914
CIE _{Lab}	89.31, 5.69, 28.74
CIE _{LCh}	89, 29.301, 78.803
Yxy	74.8253, 0.3743, 0.3794
Android (android.graphics.Color)	4294957994 (0xFFFFDBAA)
YUV	224.1780, -26.7098, 27.0309
Hunter-Lab	86.5016, 0.9679, 27.2522

Details

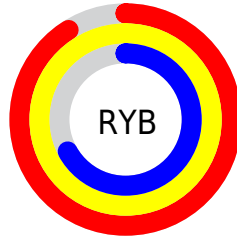
The XYZ color **73.8272, 74.8253, 48.5818** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.6982, 59.9067, 103.1826**, and the grayscale version is **71.1468, 74.8520, 81.5138**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **39.5123, 39.7056, 22.4110** is the 20% darker color. If you saturate the color by 10%, you get **68.9192, 68.5023, 36.1770**, and if you desaturate by 10%, it is **79.3897, 81.7079, 63.5147**.

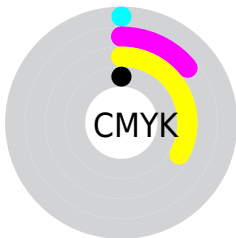
Distribution



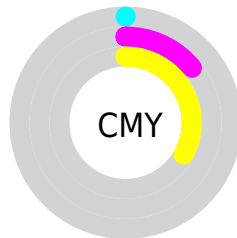
- Red (100%)
- Green (86%)
- Blue (67%)



- Red (91%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8272, 74.8253, 48.5818 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 73.8272, 74.8253, 48.5818 by changing the saturation by 10% instead.


 73.8272, 74.8253,
48.5818

 73.8272, 74.8253,
48.5818


462.9363,
477.3169, 397.6687

 54.9434, 55.4698,
33.9246


 123.6476,
126.0650, 89.4446

 39.5901, 39.7780,
22.5588


155.3150,
158.7180, 116.4872

 27.4019, 27.3655,
14.0658


191.9742,
196.5723, 148.4954

 18.0134, 17.8479,
8.0272

233.9907,
240.0123, 185.8877

 11.0594, 10.8408,
4.0243

281.7298,
289.4224, 229.0826

 6.1744, 5.9599,
1.6387

335.5569,

 2.9931, 2.8207,

345.1869, 278.4987

0.3182

395.8372,
407.6903, 334.5546

■ 1.1501, 1.0389,
0.0000

■ 0.0664, 0.0000,
0.0000

■ 73.8272, 74.8253,
48.5818

■ 73.8272, 74.8253,
48.5818

■ 68.9192, 68.5023,
36.1770

■ 79.3897, 81.7079,
63.5147

■ 64.6293, 62.7108,
26.1514

■ 85.6293, 89.1564,
81.1037

■ 60.9261, 57.4353,
18.3478

■ 92.5744, 97.1901,
101.4736

■ 57.7722, 52.6548,
12.5876

95.0500, 100.0000,
108.9000

■ 55.1248, 48.3464,
8.6643

■ 52.9326, 44.4832,
6.3267

■ 51.6763, 42.1327,
5.4088

Harmonies

Analogous

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



80.5815, 74.8253, 55.2511



73.8272, 74.8253, 48.5818



66.7719, 74.8253, 49.5475

Triad

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



73.8272, 74.8253, 48.5818



58.8623, 74.8253, 94.8579



81.9937, 74.8253, 110.3102

Complementary

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



73.8272, 74.8253, 48.5818



56.6982, 59.9067, 103.1826

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.



75.6513, 74.8253, 124.8043



73.8272, 74.8253, 48.5818



62.4283, 74.8253, 114.9006

Square

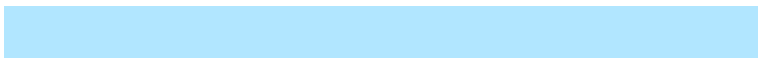
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8272, 74.8253, 48.5818



58.4464, 74.8253, 74.0504



68.4782, 74.8253, 126.6125



85.5029, 74.8253, 89.3736

Rectangle

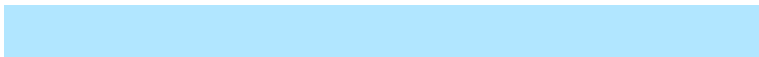
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8272, 74.8253, 48.5818



62.8332, 74.8253, 54.4376



68.4782, 74.8253, 126.6125



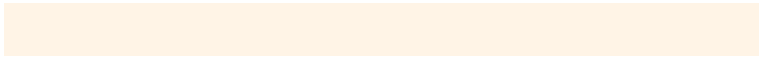
80.1034, 74.8253, 116.2378

Sweetspot

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



73.8291, 74.8287, 48.5833



87.8642, 91.7679, 87.5773



66.8573, 54.5071, 65.9225



18.6028, 19.4047, 18.1527



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

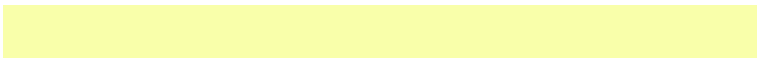
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8291, 74.8287, 48.5833



70.4850, 70.5503, 40.0396



82.2018, 94.6234, 51.9628



18.8791, 19.7264, 18.9569



27.1531, 22.3174, 2.8766



2.7521, 2.3895, 0.3162

Inverse Universe

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



56.6982, 59.9067, 103.1826



50.9704, 53.5594, 102.2593



50.2547, 45.1617, 100.6761



17.6353, 18.6421, 22.9188



12.3730, 9.6556, 50.6462



1.3101, 1.1510, 4.9664

Previews

White Background



This preview shows how the XYZ color 73.8272, 74.8253, 48.5818 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 73.8272, 74.8253, 48.5818 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 73.8272, 74.8253, 48.5818

Background



This preview shows how black text looks on a background with the XYZ color 73.8272, 74.8253, 48.5818.



This preview shows how white text looks on a background with the XYZ color 73.8272, 74.8253,

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

73.8272, 74.8253, 48.5818

Protanopia

70.0372, 74.8151, 49.7791

Deuteranopia

75.1743, 74.9480, 56.9587



Tritanopia

79.1517, 74.8992, 82.9583

Trichromacy



Original Color

73.8272, 74.8253, 48.5818

Protanomaly

71.1282, 74.5953, 49.1776

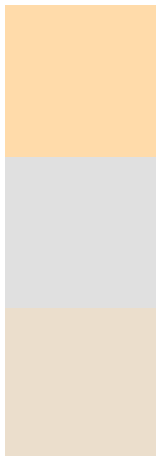
Deuteranomaly

74.5496, 74.6981, 53.6690

Tritanomaly

76.9364, 74.8280, 68.7808

Monochromacy



Original Color

73.8272, 74.8253, 48.5818

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.2813, 74.2644, 67.7043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8272, 74.8253, 48.5818 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, 219, 170)` looks like.

```
.text, #text, p{  
  color:rgb(255, 219, 170)  
}
```

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, 219, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 170) }
```

Border

The CSS property to change the border of an element to XYZ 73.8272, 74.8253, 48.5818 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, 219, 170) }
```


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

```
.border{ border-color:rgb(255, 219, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8272, 74.8253, 48.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 170) }
```

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

```
.background{ background-color: rgb(255,  
219, 170) }
```

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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