

Converting Colors

XYZ(73.4569, 73.9314, 48.9308)

Have a look what the booklet for
XYZ(73.4569, 73.9314, 48.9308)
contains.

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Color

**XYZ(73.4035, 73.8260,
48.9091)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9AB
RGB	255, 217, 171
RGB Percent	100%, 85%, 67%
CMY	0.0000, 0.1490, 0.3294
CMYK	0.00, 0.15, 0.33, 0.00
HSL	33°, 100%, 84%
HSV	33°, 33%, 100%
XYZ	73.4035, 73.8260, 48.9091
YIQ	223.1180, 37.4140, -6.2500

Conversions

Conversions Part 2

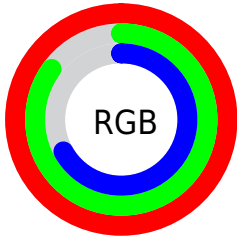
Format	Color
R _{YB}	240, 255, 171
Decimal	16767403
CIE Lab	88.84, 6.84, 27.59
CIE LCh	89, 28.424, 76.078
Yxy	73.8260, 0.3742, 0.3764
Android (android.graphics.Color)	4294957483 (0xFFFFD9AB)
YUV	223.1180, -25.6942, 27.9605
Hunter-Lab	85.9221, 2.1295, 26.3960

Details

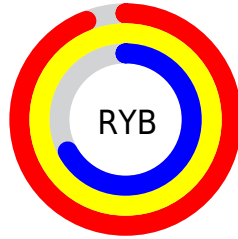
The XYZ color **73.4035, 73.8260, 48.9091** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.6443, 61.4767, 103.4357**, and the grayscale version is **70.3830, 74.0484, 80.6387**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **39.2163, 39.0190, 22.6040** is the 20% darker color. If you saturate the color by 10%, you get **68.3342, 67.2089, 36.3624**, and if you desaturate by 10%, it is **79.1534, 81.0531, 63.9975**.

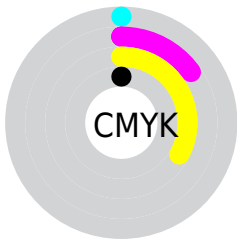
Distribution



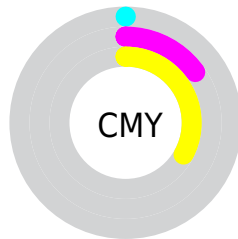
- Red (100%)
- Green (85%)
- Blue (67%)



- Red (94%)
- 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 73.4035, 73.8260, 48.9091 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 73.4035, 73.8260, 48.9091 by changing the saturation by 10% instead.


 73.4035, 73.8260,
48.9091

 73.4035, 73.8260,
48.9091


461.4943,
473.8726, 398.9965

 54.5955, 54.6516,
34.1823


 123.0499,
124.6491, 89.9360

 39.3105, 39.1229,
22.7552


154.6190,
157.0667, 117.0732

 27.1832, 26.8553,
14.2092


191.1726,
194.6674, 149.1843

 17.8482, 17.4646,
8.1259

233.0759,
237.8357, 186.6877

 10.9401, 10.5663,
4.0867

280.6944,
286.9560, 230.0022

 6.0935, 5.7760,
1.6730

334.3934,

 2.9432, 2.7094,

342.4126, 279.5461

0.3422

394.5382,
404.5901, 335.7380

■ 1.1238, 0.9820,
0.0000

■ 0.0449, 0.0000,
0.0000

■ 73.4035, 73.8260,
48.9091

■ 73.4035, 73.8260,
48.9091

■ 68.3342, 67.2089,
36.3624

■ 79.1534, 81.0531,
63.9975

■ 63.9084, 61.1723,
26.2090

■ 85.6071, 88.8981,
81.7556

■ 60.0939, 55.6991,
18.2918

■ 92.7936, 97.3816,
102.3080

■ 56.8527, 50.7667,
12.4330

95.0500, 100.0000,
108.9000

■ 54.1414, 46.3503,
8.4270

■ 51.9082, 42.4216,
6.0247

■ 50.5685, 39.9170,
5.0395

Harmonies

Analogous

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



79.7608, 73.8260, 56.0469



73.4035, 73.8260, 48.9091



66.5658, 73.8260, 49.1749

Triad

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



73.4035, 73.8260, 48.9091



58.2000, 73.8260, 91.3503



80.1453, 73.8260, 109.6621

Complementary

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



73.4035, 73.8260, 48.9091



57.6443, 61.4767, 103.4357

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.



73.9007, 73.8260, 122.6043



73.4035, 73.8260, 48.9091



61.3795, 73.8260, 110.9084

Square

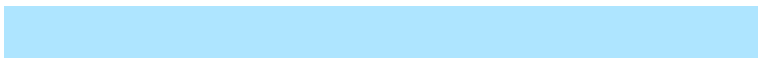
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4035, 73.8260, 48.9091



58.0862, 73.8260, 71.6013



67.0317, 73.8260, 123.0944



83.8219, 73.8260, 89.8569

Rectangle

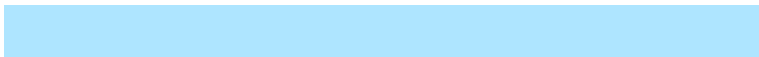
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4035, 73.8260, 48.9091



62.6572, 73.8260, 53.4660



67.0317, 73.8260, 123.0944



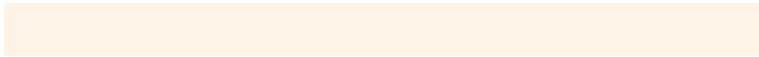
78.2592, 73.8260, 115.0920

Sweetspot

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



73.4054, 73.8294, 48.9106



87.6430, 91.3256, 87.5036



67.4612, 55.0497, 68.1742



18.5492, 19.2976, 18.1348



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.



73.4054, 73.8294, 48.9106



69.7569, 69.0942, 39.7969



83.3282, 95.1931, 52.5112



18.8340, 19.6362, 18.9418



26.5744, 21.1601, 2.6837



2.6967, 2.2787, 0.2977

Inverse Universe

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



57.6443, 61.4767, 103.4357



51.6416, 54.9017, 102.4830



50.0247, 45.3224, 100.7192



17.6797, 18.7309, 22.9336



12.7998, 10.5091, 50.7884



1.3536, 1.2380, 4.9809

Previews

White Background



This preview shows how the XYZ color 73.4035, 73.8260, 48.9091 looks on a white background.

Color Contrast Check

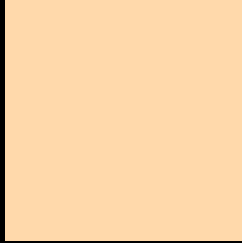
Large Text (above 18pt) WCAG AA × Fail

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 73.4035, 73.8260, 48.9091 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 73.4035, 73.8260, 48.9091

Background



This preview shows how black text looks on a background with the XYZ color 73.4035, 73.8260, 48.9091.



This preview shows how white text looks on a background with the XYZ color 73.4035, 73.8260,

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

73.4035, 73.8260, 48.9091

Protanopia

69.2876, 74.0085, 50.6776

Deuteranopia

74.3431, 73.7906, 55.1245



Tritanopia

78.3741, 73.7832, 81.3450

Trichromacy



Original Color

73.4035, 73.8260, 48.9091

Protanomaly

70.7075, 73.9631, 50.0848

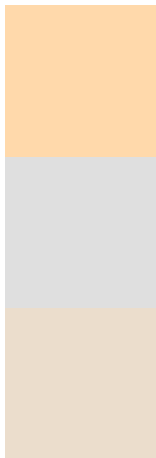
Deuteranomaly

73.9326, 73.6264, 52.9625

Tritanomaly

76.3060, 73.7609, 67.9731

Monochromacy



Original Color

73.4035, 73.8260, 48.9091

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.0165, 73.7347, 67.6160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4035, 73.8260, 48.9091 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, 217, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 171)  
}
```

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, 217, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 171) }
```

Border

The CSS property to change the border of an element to XYZ 73.4035, 73.8260, 48.9091 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, 217, 171) }
```


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

```
.border{ border-color:rgb(255, 217, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4035, 73.8260, 48.9091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 171) }
```

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

```
.background{ background-color: rgb(255,  
217, 171) }
```

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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