

Converting Colors

XYZ(57.5736, 74.1900, 49.3600)

Have a look what the booklet for
XYZ(57.5736, 74.1900, 49.3600)
contains.

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Color

**XYZ(57.5974, 74.2417,
49.3246)**

Conversions

Conversions Part 1

Format	Color
Hex	B8EEAA
RGB	184, 238, 170
RGB Percent	72%, 93%, 67%
CMY	0.2784, 0.0666, 0.3333
CMYK	0.23, 0.00, 0.29, 0.07
HSL	108°, 67%, 80%
HSV	108°, 29%, 93%
XYZ	57.5974, 74.2417, 49.3246
YIQ	214.1020, -10.3560, -32.5960

Conversions

Conversions Part 2

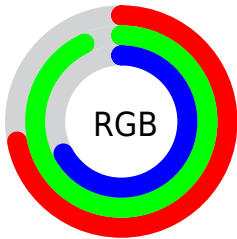
Format	Color
RYB	170, 238, 224
Decimal	12119722
CIELab	89.04, -29.63, 27.50
CIELCh	89, 40.421, 137.139
Yxy	74.2417, 0.3179, 0.4098
Android (android.graphics.Color)	4290309802 (0xFFB8EEAA)
YUV	214.1020, -21.7423, -26.3995
Hunter-Lab	86.1636, -31.4653, 26.3738

Details

The XYZ color **57.5974, 74.2417, 49.3246** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.5510, 50.7720, 87.5015**, and the grayscale version is **64.1336, 67.4735, 73.4787**.

A 20% lighter version of the original color is **85.7631, 95.7118, 85.9055**, and **29.1448, 39.4861, 22.9151** is the 20% darker color. If you saturate the color by 10%, you get **51.3179, 71.2437, 38.3232**, and if you desaturate by 10%, it is **64.8934, 77.7210, 62.5043**.

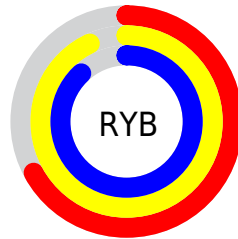
Distribution



Red (72%)

Green (93%)

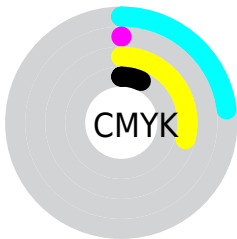
Blue (67%)



Red (67%)

Yellow (93%)

Blue (88%)

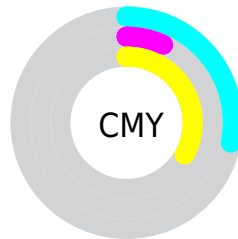


Cyan (23%)

Magenta (0%)

Yellow (29%)

Black (7%)



Cyan (28%)

Magenta (7%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5974, 74.2417, 49.3246 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 57.5974, 74.2417, 49.3246 by changing the saturation by 10% instead.

■ 57.5974, 74.2417,
49.3246

■ 57.5974, 74.2417,
49.3246

405.6622,
475.3071, 400.6779

■ 41.7271, 54.9919,
34.5096

■ 100.4627,
125.2384, 90.5593

■ 29.0778, 39.3952,
23.0049

128.1884,
157.7540, 117.8162

■ 19.2843, 27.0673,
14.3918

160.5965,
195.4604, 150.0574

■ 11.9811, 17.6238,
8.2518

198.0525,
238.7419, 187.7015

■ 6.8029, 10.6802,
4.1664

240.9217,
287.9830, 231.1671

■ 3.3844, 5.8522,
1.7171


289.5695,

■ 1.3601, 2.7554,


343.5679, 280.8727


0.3724


344.3612,
405.8812, 337.2368


 0.2276, 1.0054,
0.0000


 0.0000, 0.0000,
0.0000


 57.5974, 74.2417,
49.3246


 57.5974, 74.2417,
49.3246


 51.3179, 71.2437,
38.3232


 64.8934, 77.7210,
62.5043


 46.0032, 68.6964,
29.3781

 73.2430, 81.6918,
77.9656

 41.6059, 66.5802,
22.3630

 82.6883, 86.1758,
95.8111

 38.0719, 64.8704,
17.1355

 89.8660, 89.6321,
107.1720

■ 35.3411, 63.5395,
13.5336

■ 33.3451, 62.5564,
11.3662

■ 31.9951, 61.8815,
10.3556

■ 31.8424, 61.8049,
10.2513

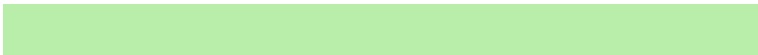
Harmonies

Analogous

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



65.1400, 74.2417, 39.3598



57.5974, 74.2417, 49.3246



53.6958, 74.2417, 69.3773

Triad

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



57.5974, 74.2417, 49.3246



66.4408, 74.2417, 145.9232



90.2100, 74.2417, 65.9113

Complementary

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



57.5974, 74.2417, 49.3246



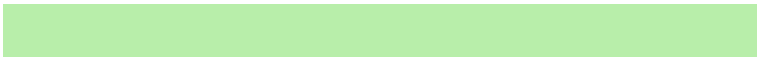
60.5510, 50.7720, 87.5015

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.



90.6409, 74.2417, 93.4930



57.5974, 74.2417, 49.3246



76.2821, 74.2417, 144.3780

Square

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



57.5974, 74.2417, 49.3246



58.4733, 74.2417, 127.3589



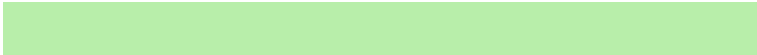
85.3449, 74.2417, 123.5288



84.2173, 74.2417, 47.2973

Rectangle

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



57.5974, 74.2417, 49.3246



53.4232, 74.2417, 87.7522



85.3449, 74.2417, 123.5288



91.0285, 74.2417, 74.2942

Sweetspot

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



57.5993, 74.2449, 49.3262



85.1823, 95.3147, 90.2892



68.9777, 74.0008, 48.6794



17.9123, 20.2491, 18.7277



0.0000, 0.0000, 0.0000



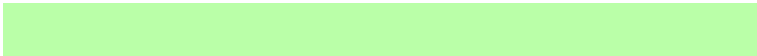
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5993, 74.2449, 49.3262



63.1414, 84.8159, 50.2357



56.3687, 73.3842, 59.4914



15.8699, 17.8131, 16.7516



17.8493, 34.5232, 5.7229



1.5644, 2.9130, 0.4798

Inverse Universe

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



60.5510, 50.7720, 87.5015



67.0841, 53.3670, 101.3729



62.3884, 52.0290, 73.5913



16.1171, 15.8576, 19.9330



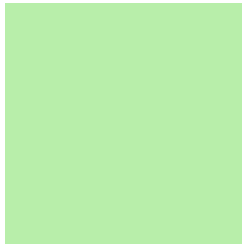
20.4293, 9.5371, 45.8920



1.7788, 0.8343, 3.8215

Previews

White Background



This preview shows how the XYZ color 57.5974, 74.2417, 49.3246 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 57.5974, 74.2417, 49.3246 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 57.5974, 74.2417, 49.3246

Background



This preview shows how black text looks on a background with the XYZ color 57.5974, 74.2417, 49.3246.



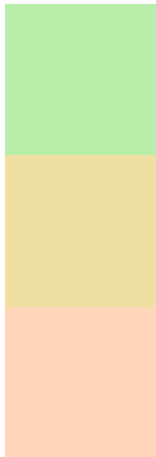
This preview shows how white text looks on a background with the XYZ color 57.5974, 74.2417,

49.3246.

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

57.5974, 74.2417, 49.3246

Protanopia

68.5951, 73.7704, 45.2741

Deuteranopia

74.1922, 73.3216, 55.5895



Tritanopia

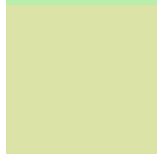
67.4039, 74.0109, 97.9218

Trichromacy



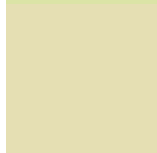
Original Color

57.5974, 74.2417, 49.3246



Protanomaly

63.8398, 73.3000, 46.8600



Deuteranomaly

66.8375, 72.6880, 53.1553



Tritanomaly

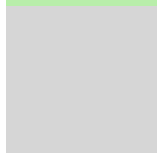
63.2497, 73.9816, 77.2759

Monochromacy



Original Color

57.5974, 74.2417, 49.3246



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.2093, 69.5491, 63.6243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5974, 74.2417, 49.3246 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(184, 238, 170)` looks like.

```
.text, #text, p{  
    color:rgb(184, 238, 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(184, 238, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 238, 170) }
```

Border

The CSS property to change the border of an element to XYZ 57.5974, 74.2417, 49.3246 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(184, 238, 170) }
```


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

```
.border{ border-color:rgb(184, 238, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 238, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 238, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 238, 170);  
box-shadow:4px 4px 4px 4px rgb(184, 238,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5974, 74.2417, 49.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 238, 170) }
```

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

```
.background{ background-color: rgb(184,  
238, 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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