

Converting Colors

XYZ(59.9318, 69.2405, 74.4392)

Have a look what the booklet for
XYZ(59.9318, 69.2405, 74.4392)
contains.

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Color

**XYZ(59.9077, 69.0364,
74.4579)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE0D7
RGB	189, 224, 215
RGB Percent	74%, 88%, 84%
CMY	0.2588, 0.1216, 0.1569
CMYK	0.16, 0.00, 0.04, 0.12
HSL	165°, 36%, 81%
HSV	165°, 16%, 88%
XYZ	59.9077, 69.0364, 74.4579
YIQ	212.5090, -17.9710, -10.2190

Conversions

Conversions Part 2

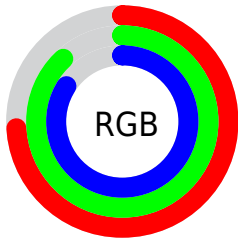
Format	Color
RYB	189, 209, 224
Decimal	12443863
CIELab	86.52, -13.21, 0.56
CIELCh	87, 13.219, 177.576
Yxy	69.0364, 0.2945, 0.3394
Android (android.graphics.Color)	4290633943 (0xFFBDE0D7)
YUV	212.5090, 1.2281, -20.6174
Hunter-Lab	83.0881, -16.7033, 5.0301

Details

The XYZ color **59.9077, 69.0364, 74.4579** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.1336, 56.3216, 61.1837**, and the grayscale version is **62.9203, 66.1971, 72.0886**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **30.5248, 36.0649, 38.6101** is the 20% darker color. If you saturate the color by 10%, you get **54.0476, 66.1013, 70.3878**, and if you desaturate by 10%, it is **66.6560, 72.4301, 78.7086**.

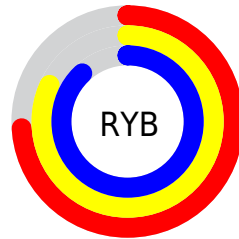
Distribution



Red (74%)

Green (88%)

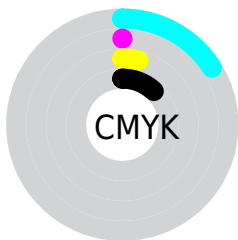
Blue (84%)



Red (74%)

Yellow (82%)

Blue (88%)

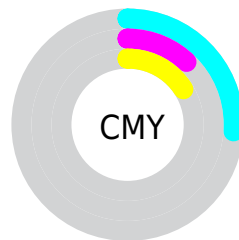


Cyan (16%)

Magenta (0%)

Yellow (4%)

Black (12%)



Cyan (26%)

Magenta (12%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9077, 69.0364, 74.4579 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 59.9077, 69.0364, 74.4579 by changing the saturation by 10% instead.

■ 59.9077, 69.0364,
74.4579

■ 59.9077, 69.0364,
74.4579

414.0977,
457.1593, 495.2578

■ 43.5934, 50.7414,
54.6698

■ 103.8029,
117.8336, 127.2847

■ 30.5475, 36.0028,
38.7406

132.1145,
149.1045, 161.1606

■ 20.4047, 24.4364,
26.2517

165.1559,
185.4695, 200.5694

■ 12.7995, 15.6576,
16.7846

203.2925,
227.3129, 245.9299

■ 7.3667, 9.2822,
9.9207

246.8896,
275.0192, 297.6604

■ 3.7408, 4.9257,
5.2415


296.3126,

■ 1.5566, 2.2037,


328.9728, 356.1795


2.3284


351.9268,
389.5581, 421.9058


 0.3639, 0.7220,
0.7471


 0.0000, 0.0000,
0.0000


 59.9077, 69.0364,
74.4579


 59.9077, 69.0364,
74.4579


 54.0476, 66.1013,
70.3878


 66.6560, 72.4301,
78.7086


 49.0303, 63.5959,
66.4904

 74.3236, 76.2928,
83.1384

 44.8152, 61.5010,
62.7639

 82.5031, 80.4163,
87.7310

 41.3558, 59.7928,
59.2046

 83.3366, 80.7497,
92.1199

■ 38.6010, 58.4450,
55.8089

■ 84.1972, 81.0939,
96.6516

■ 36.4929, 57.4277,
52.5724

■ 85.0851, 81.4491,
101.3273

■ 34.9643, 56.7063,
49.4905

■ 85.9469, 81.7938,
105.8656

■ 33.9324, 56.2382,
46.5578

■ 33.5755, 56.0813,
45.3187

Harmonies

Analogous

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



60.7708, 69.0364, 66.4841



59.9077, 69.0364, 74.4579



60.5345, 69.0364, 83.2494

Triad

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



59.9077, 69.0364, 74.4579



68.3810, 69.0364, 91.1306



68.8253, 69.0364, 61.8130

Complementary

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



59.9077, 69.0364, 74.4579



59.1336, 56.3216, 61.1837

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.



70.9764, 69.0364, 67.6289



59.9077, 69.0364, 74.4579



70.7143, 69.0364, 84.5789

Square

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



59.9077, 69.0364, 74.4579



65.3683, 69.0364, 93.3089



71.6780, 69.0364, 75.8844



65.8664, 69.0364, 59.5469

Rectangle

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



59.9077, 69.0364, 74.4579



61.7241, 69.0364, 88.3179



71.6780, 69.0364, 75.8844



69.6703, 69.0364, 63.3944

Sweetspot

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



59.9097, 69.0393, 74.4594



89.9902, 97.4521, 105.9306



59.2199, 69.0395, 58.3501



19.1148, 20.7849, 22.5852



0.0000, 0.0000, 0.0000



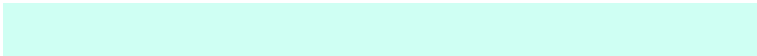
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9097, 69.0393, 74.4594



77.4746, 91.1639, 97.9419



58.9562, 65.2296, 80.0076



13.9581, 15.5090, 16.8147



19.5915, 32.6615, 26.6359



1.3937, 2.2782, 2.0344

Inverse Universe

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



59.1336, 56.3216, 61.1837



76.2317, 70.7830, 76.6706



59.9322, 59.5317, 56.4773



13.8512, 13.7581, 14.9866



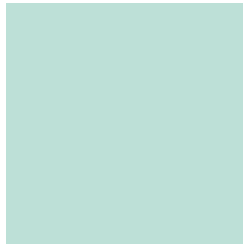
18.3718, 9.4157, 3.3577



1.3095, 0.6671, 0.4226

Previews

White Background



This preview shows how the XYZ color 59.9077, 69.0364, 74.4579 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 59.9077, 69.0364, 74.4579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

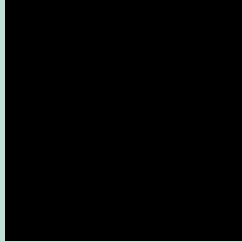
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

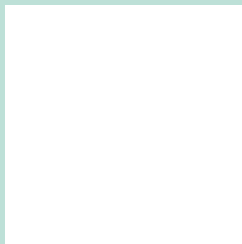
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9077, 69.0364, 74.4579

Background



This preview shows how black text looks on a background with the XYZ color 59.9077, 69.0364, 74.4579.

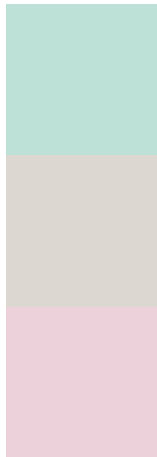


This preview shows how white text looks on a background with the XYZ color 59.9077, 69.0364,

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

59.9077, 69.0364, 74.4579

Protanopia

65.7521, 68.6262, 70.7534

Deuteranopia

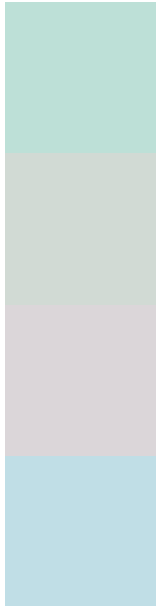
70.0474, 68.4958, 75.8588



Tritanopia

63.2814, 69.2234, 90.9151

Trichromacy



Original Color

59.9077, 69.0364, 74.4579

Protanomaly

63.2496, 68.4516, 72.1662

Deuteranomaly

65.7844, 68.1630, 75.3352

Tritanomaly

62.1424, 69.1622, 84.9373

Monochromacy



Original Color

59.9077, 69.0364, 74.4579

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.8523, 67.3181, 73.3521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9077, 69.0364, 74.4579 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(189, 224, 215)` looks like.

```
.text, #text, p{  
    color:rgb(189, 224, 215)  
}
```

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(189, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 224, 215) }
```

Border

The CSS property to change the border of an element to XYZ 59.9077, 69.0364, 74.4579 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(189, 224, 215) }
```


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

```
.border{ border-color:rgb(189, 224, 215) }
```

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

Here you see how a box with a 4 pixel rgb(189, 224, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(189, 224,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9077, 69.0364, 74.4579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 224, 215) }
```

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

```
.background{ background-color: rgb(189,  
224, 215) }
```

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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