

Converting Colors

XYZ(59.2803, 69.0699, 60.8489)

Have a look what the booklet for
XYZ(59.2803, 69.0699, 60.8489)
contains.

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Color

**XYZ(59.3073, 69.0319,
60.6507)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E0C1
RGB	197, 224, 193
RGB Percent	77%, 88%, 76%
CMY	0.2274, 0.1215, 0.2431
CMYK	0.12, 0.00, 0.14, 0.12
HSL	112°, 33%, 82%
HSV	112°, 14%, 88%
XYZ	59.3073, 69.0319, 60.6507
YIQ	212.3930, -6.1410, -15.3650

Conversions

Conversions Part 2

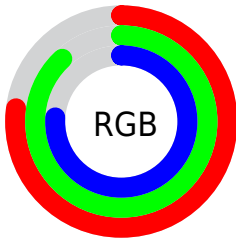
Format	Color
RYB	193, 224, 220
Decimal	12968129
CIELab	86.52, -14.63, 12.20
CIELCh	87, 19.053, 140.186
Yxy	69.0319, 0.3138, 0.3653
Android (android.graphics.Color)	4291158209 (0xFFC5E0C1)
YUV	212.3930, -9.5607, -13.4997
Hunter-Lab	83.0854, -17.9843, 14.8793

Details

The XYZ color **59.3073, 69.0319, 60.6507** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.0424, 58.7392, 78.5924**, and the grayscale version is **62.9070, 66.1831, 72.0734**.

A 20% lighter version of the original color is **93.7319, 99.4304, 103.8743**, and **30.1759, 36.0797, 29.7997** is the 20% darker color. If you saturate the color by 10%, you get **52.2132, 65.6440, 48.2477**, and if you desaturate by 10%, it is **67.4449, 72.9181, 75.0812**.

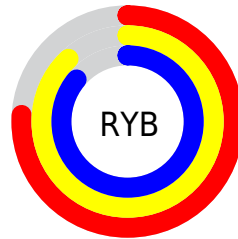
Distribution



Red (77%)

Green (88%)

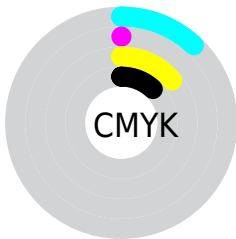
Blue (76%)



Red (76%)

Yellow (88%)

Blue (86%)

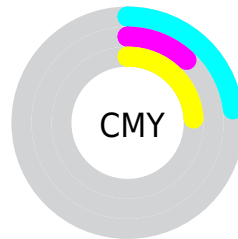


Cyan (12%)

Magenta (0%)

Yellow (14%)

Black (12%)



Cyan (23%)


Magenta (12%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3073, 69.0319, 60.6507 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 59.3073, 69.0319, 60.6507 by changing the saturation by 10% instead.


 59.3073, 69.0319,
60.6507

 59.3073, 69.0319,
60.6507


411.9155,
457.1435, 444.8631

 43.1079, 50.7377,
43.5146


 102.9362,
117.8271, 107.3256

 30.1646, 35.9999,
29.9547


131.0964,
149.0970, 137.7015

 20.1123, 24.4341,
19.5524


163.9743,
185.4608, 173.3278

 12.5854, 15.6560,
11.8893

201.9351,
227.3030, 214.6229

 7.2187, 9.2810,
6.5467

245.3443,
275.0079, 262.0055

 3.6468, 4.9249,
3.1062

294.5672,

 1.5043, 2.2033,

328.9601, 315.8940

1.1491

349.9692,
389.5438, 376.7070

0.3288, 0.7218,
0.0000

0.0000, 0.0000,
0.0000

59.3073, 69.0319,
60.6507

59.3073, 69.0319,
60.6507

52.2132, 65.6440,
48.2477

67.4449, 72.9181,
75.0812

46.1149, 62.7256,
37.7771

76.6602, 77.3122,
91.6194

40.9691, 60.2586,
29.1429

85.9470, 81.7940,
105.8657

36.7274, 58.2204,
22.2393

■ 33.3369, 56.5861,
16.9496

■ 30.7391, 55.3284,
13.1426

■ 28.8679, 54.4166,
10.6669

■ 27.6460, 53.8149,
9.3385

■ 27.1608, 53.5738,
8.9092

Harmonies

Analogous

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



62.7275, 69.0319, 54.5815



59.3073, 69.0319, 60.6507



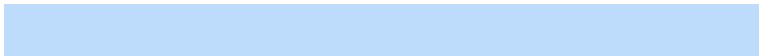
57.6004, 69.0319, 71.0969

Triad

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



59.3073, 69.0319, 60.6507



64.1768, 69.0319, 101.7477



73.9049, 69.0319, 67.0849

Complementary

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



59.3073, 69.0319, 60.6507



62.0424, 58.7392, 78.5924

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.



74.3357, 69.0319, 79.3833



59.3073, 69.0319, 60.6507



68.5851, 69.0319, 100.3623

Square

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



59.3073, 69.0319, 60.6507



60.3273, 69.0319, 95.4223



72.3500, 69.0319, 91.8255



71.1982, 69.0319, 57.9973

Rectangle

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



59.3073, 69.0319, 60.6507



57.6092, 69.0319, 79.5449



72.3500, 69.0319, 91.8255



74.3253, 69.0319, 70.9470

Sweetspot

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



59.3092, 69.0349, 60.6522



90.2576, 97.7142, 100.3298



65.9273, 70.8173, 60.6474



19.1316, 20.8255, 21.1408



0.0000, 0.0000, 0.0000



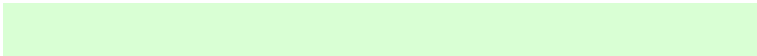
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3092, 69.0349, 60.6522



76.2870, 91.0447, 75.6088



59.5932, 69.0291, 67.5425



13.6923, 15.4215, 14.5618



15.8620, 31.2097, 5.1881



1.1537, 2.1912, 0.3621

Inverse Universe

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



62.0424, 58.7392, 78.5924



80.7184, 74.3468, 104.7038



61.7766, 58.7745, 70.7982



14.1120, 13.8413, 17.3155



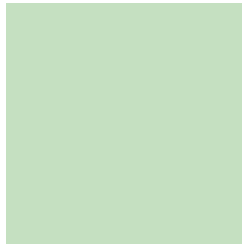
21.0158, 9.9293, 41.8573



1.5059, 0.7136, 2.9036

Previews

White Background



This preview shows how the XYZ color 59.3073, 69.0319, 60.6507 looks on a white background.

Color Contrast Check

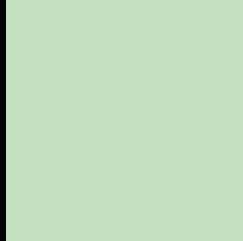
Large Text (above 18pt) WCAG AA × Fail

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 59.3073, 69.0319, 60.6507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

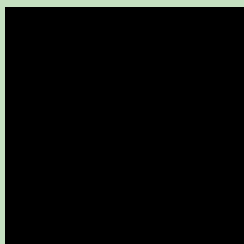
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

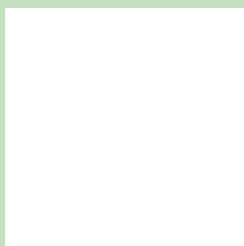
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3073, 69.0319, 60.6507

Background



This preview shows how black text looks on a background with the XYZ color 59.3073, 69.0319, 60.6507.



This preview shows how white text looks on a background with the XYZ color 59.3073, 69.0319,

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

59.3073, 69.0319, 60.6507

Protanopia

65.1052, 68.9546, 58.0223

Deuteranopia

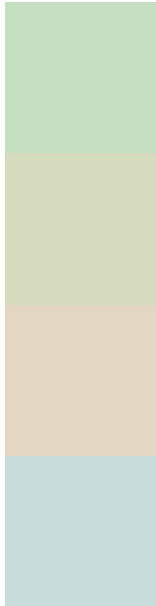
69.8279, 68.3304, 61.7333



Tritanopia

64.9686, 68.9783, 88.4872

Trichromacy



Original Color

59.3073, 69.0319, 60.6507

Protanomaly

62.6501, 68.8278, 58.6983

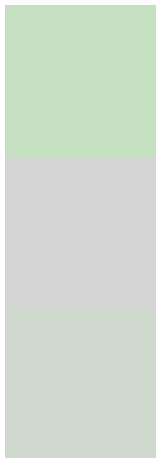
Deuteranomaly

65.5754, 68.3642, 61.3692

Tritanomaly

62.5989, 68.7712, 77.6850

Monochromacy



Original Color

59.3073, 69.0319, 60.6507

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.3074, 66.7849, 67.4171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3073, 69.0319, 60.6507 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(197, 224, 193)` looks like.

```
.text, #text, p{  
    color:rgb(197, 224, 193)  
}
```

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(197, 224, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 224, 193) }
```

Border

The CSS property to change the border of an element to XYZ 59.3073, 69.0319, 60.6507 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(197, 224, 193) }
```


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

```
.border{ border-color:rgb(197, 224, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 224, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 224, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 224, 193);  
box-shadow:4px 4px 4px 4px rgb(197, 224,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3073, 69.0319, 60.6507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 224, 193) }
```

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

```
.background{ background-color: rgb(197,  
224, 193) }
```

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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