

Converting Colors

XYZ(60.3295, 68.7240, 59.5355)

Have a look what the booklet for
XYZ(60.3295, 68.7240, 59.5355)
contains.

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Color

**XYZ(60.4271, 68.8415,
59.3931)**

Conversions

Conversions Part 1

Format	Color
Hex	CCDEBF
RGB	204, 222, 191
RGB Percent	80%, 87%, 75%
CMY	0.2000, 0.1294, 0.2510
CMYK	0.08, 0.00, 0.14, 0.13
HSL	95°, 32%, 81%
HSV	95°, 14%, 87%
XYZ	60.4271, 68.8415, 59.3931
YIQ	213.0840, -0.7770, -13.4570

Conversions

Conversions Part 2

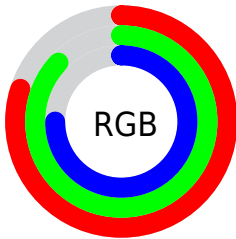
Format	Color
RYB	191, 222, 209
Decimal	13426367
CIELab	86.43, -11.56, 13.18
CIELCh	86, 17.530, 131.239
Yxy	68.8415, 0.3203, 0.3649
Android (android.graphics.Color)	4291616447 (0xFFCCDEBF)
YUV	213.0840, -10.8874, -7.9667
Hunter-Lab	82.9708, -15.1984, 15.6379

Details

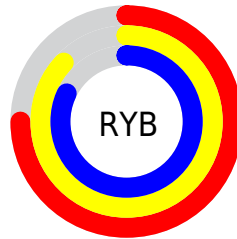
The XYZ color **60.4271, 68.8415, 59.3931** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.1128, 56.0927, 76.8749**, and the grayscale version is **63.3746, 66.6750, 72.6090**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **30.9838, 35.9564, 29.3520** is the 20% darker color. If you saturate the color by 10%, you get **54.7787, 66.1929, 47.3277**, and if you desaturate by 10%, it is **66.7421, 71.7950, 73.4256**.

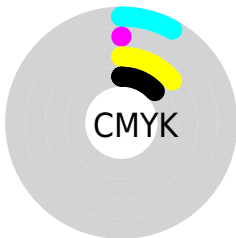
Distribution



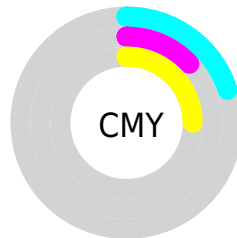
- Red (80%)
- Green (87%)
- Blue (75%)



- Red (75%)
- Yellow (87%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4271, 68.8415, 59.3931 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 60.4271, 68.8415, 59.3931 by changing the saturation by 10% instead.

60.4271, 68.8415,
59.3931

60.4271, 68.8415,
59.3931

415.9798,
456.4718, 440.0995

44.0138, 50.5826,
42.5076

104.5518,
117.5552, 105.4835

30.8793, 35.8766,
29.1704

132.9939,
148.7788, 135.5255

20.6583, 24.3389,
18.9631

166.1762,
185.0927, 170.7899

12.9855, 15.5852,
11.4671

204.4642,
226.8814, 211.6955

7.4955, 9.2311,
6.2638

248.2233,
274.5293, 258.6607

3.8229, 4.8922,
2.9348

297.8186,

1.6025, 2.1842,

328.4207, 312.1041

1.0614

353.6157,
388.9401, 372.4442

■ 0.3940, 0.7113,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4271, 68.8415,
59.3931

■ 60.4271, 68.8415,
59.3931

■ 54.7787, 66.1929,
47.3277

■ 66.7421, 71.7950,
73.4256

■ 49.7678, 63.8300,
37.1372

■ 73.7406, 75.0542,
89.5031

■ 45.3708, 61.7449,
28.7284

■ 81.0235, 78.4626,
105.4821

■ 41.5609, 59.9258,
21.9987

■ 85.4126, 80.7253,
105.6875

■ 38.3086, 58.3601,
16.8348

■ 35.5814, 57.0338,
13.1095

■ 33.3428, 55.9313,
10.6755

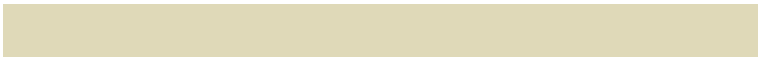
■ 31.5496, 55.0343,
9.3542

■ 30.6454, 54.5768,
8.9192

Harmonies

Analogous

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



63.9244, 68.8415, 55.1252



60.4271, 68.8415, 59.3931



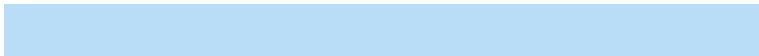
58.3257, 68.8415, 68.0043

Triad

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



60.4271, 68.8415, 59.3931



62.9569, 68.8415, 98.1417



73.3781, 68.8415, 70.6896

Complementary

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



60.4271, 68.8415, 59.3931



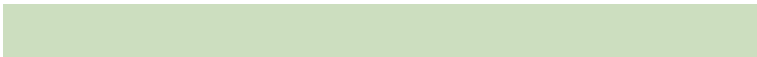
58.1128, 56.0927, 76.8749

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.



73.0928, 68.8415, 82.3675



60.4271, 68.8415, 59.3931



66.9627, 68.8415, 99.0515

Square

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



60.4271, 68.8415, 59.3931



59.7441, 68.8415, 90.6554



70.7054, 68.8415, 93.0262



71.4695, 68.8415, 61.1838

Rectangle

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



60.4271, 68.8415, 59.3931



57.9446, 68.8415, 75.4405



70.7054, 68.8415, 93.0262



73.5376, 68.8415, 74.4749

Sweetspot

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



60.4290, 68.8445, 59.3946



91.3052, 98.2542, 100.3789



62.2251, 64.6824, 58.4966



19.3960, 20.9618, 21.1531



0.0000, 0.0000, 0.0000



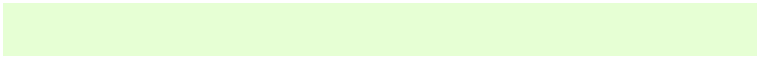
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4290, 68.8445, 59.3946



80.1769, 93.0501, 75.7908



57.2422, 67.1752, 60.4414



14.0707, 15.6166, 14.5795



18.3222, 32.4780, 5.3032



1.3704, 2.3029, 0.3723

Inverse Universe

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



58.1128, 56.0927, 76.8749



76.3723, 72.1064, 104.5004



61.6670, 57.9568, 75.6038



13.7107, 13.6344, 17.2968



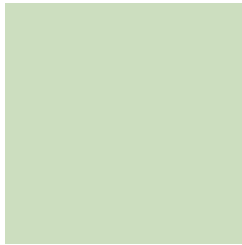
13.3310, 5.9677, 41.4976



1.0254, 0.4659, 2.8811

Previews

White Background



This preview shows how the XYZ color 60.4271, 68.8415, 59.3931 looks on a white background.

Color Contrast Check

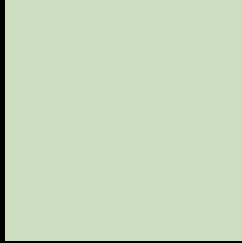
Large Text (above 18pt) WCAG AA × Fail

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 60.4271, 68.8415, 59.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

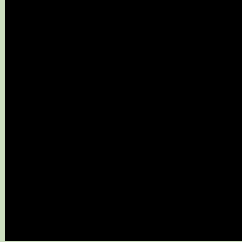
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

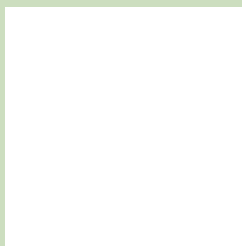
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4271, 68.8415, 59.3931

Background



This preview shows how black text looks on a background with the XYZ color 60.4271, 68.8415, 59.3931.



This preview shows how white text looks on a background with the XYZ color 60.4271, 68.8415,

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

60.4271, 68.8415, 59.3931

Protanopia

64.7416, 68.4005, 57.3673

Deuteranopia

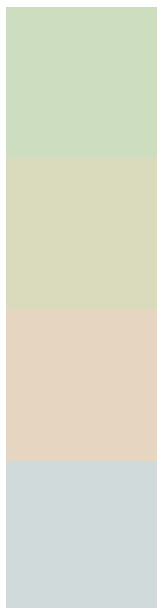
69.9497, 68.4193, 60.5584



Tritanopia

65.8422, 68.6966, 86.8803

Trichromacy



Original Color

60.4271, 68.8415, 59.3931

Protanomaly

63.1702, 68.7224, 58.0794

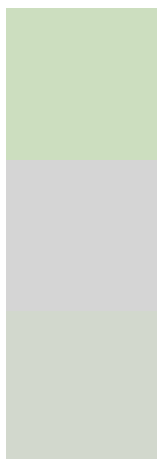
Deuteranomaly

66.0530, 68.2617, 60.1465

Tritanomaly

63.7387, 68.6147, 76.2142

Monochromacy



Original Color

60.4271, 68.8415, 59.3931

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.1537, 67.2211, 67.4567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4271, 68.8415, 59.3931 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(204, 222, 191)` looks like.

```
.text, #text, p{  
    color:rgb(204, 222, 191)  
}
```

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(204, 222, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 222, 191) }
```

Border

The CSS property to change the border of an element to XYZ 60.4271, 68.8415, 59.3931 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(204, 222, 191) }
```


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

```
.border{ border-color:rgb(204, 222, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 222, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 222, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 222, 191);  
box-shadow:4px 4px 4px 4px rgb(204, 222,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4271, 68.8415, 59.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 222, 191) }
```

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

```
.background{ background-color: rgb(204,  
222, 191) }
```

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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