

Converting Colors

XYZ(59.9026, 68.1959, 51.3166)

Have a look what the booklet for
XYZ(59.9026, 68.1959, 51.3166)
contains.

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Color

**XYZ(59.9874, 68.4028,
51.1157)**

Conversions

Conversions Part 1

Format	Color
Hex	D1DDB0
RGB	209, 221, 176
RGB Percent	82%, 87%, 69%
CMY	0.1804, 0.1333, 0.3098
CMYK	0.05, 0.00, 0.20, 0.13
HSL	76°, 40%, 78%
HSV	76°, 20%, 87%
XYZ	59.9874, 68.4028, 51.1157
YIQ	212.2820, 7.2930, -16.5390

Conversions

Conversions Part 2

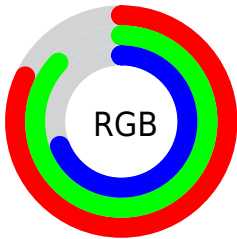
Format	Color
RYB	176, 221, 188
Decimal	13753776
CIELab	86.21, -11.66, 20.78
CIELCh	86, 23.829, 119.300
Yxy	68.4028, 0.3342, 0.3811
Android (android.graphics.Color)	4291943856 (0xFFD1DDB0)
YUV	212.2820, -17.8870, -2.8783
Hunter-Lab	82.7060, -15.2678, 21.2505

Details

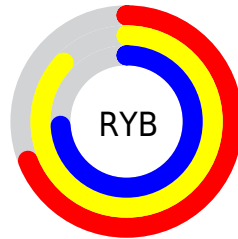
The XYZ color **59.9874, 68.4028, 51.1157** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.3183, 46.9644, 74.8760**, and the grayscale version is **62.8803, 66.1550, 72.0428**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **30.5378, 35.5725, 23.9956** is the 20% darker color. If you saturate the color by 10%, you get **56.3397, 66.7568, 40.4448**, and if you desaturate by 10%, it is **64.0565, 70.2290, 63.6675**.

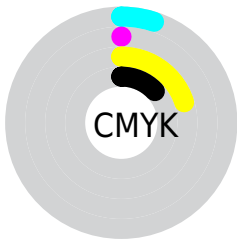
Distribution



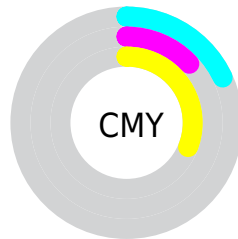
- Red (82%)
- Green (87%)
- Blue (69%)



- Red (69%)
- Yellow (87%)
- Blue (74%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9874, 68.4028, 51.1157 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 59.9874, 68.4028, 51.1157 by changing the saturation by 10% instead.

■ 59.9874, 68.4028,
51.1157

■ 59.9874, 68.4028,
51.1157

414.3868,
454.9218, 407.8725

■ 43.6579, 50.2255,
35.9233

■ 103.9178,
116.9282, 93.2390

■ 30.5984, 35.5926,
24.0858

132.2495,
148.0451, 121.0071

■ 20.4436, 24.1197,
15.1845

165.3126,
184.2439, 153.8041

■ 12.8280, 15.4225,
8.8009

203.4724,
225.9092, 192.0486

■ 7.3864, 9.1164,
4.5165

247.0944,
273.4252, 236.1591

■ 3.7534, 4.8172,
1.9128

296.5439,

■ 1.5636, 2.1404,

327.1764, 286.5543

0.5008

352.1863,
387.5471, 343.6526

■ 0.3685, 0.6872,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9874, 68.4028,
51.1157

■ 59.9874, 68.4028,
51.1157

■ 56.3397, 66.7568,
40.4448

■ 64.0565, 70.2290,
63.6675

■ 53.0901, 65.2749,
31.5596

■ 68.5583, 72.2332,
78.1802

■ 50.2211, 63.9522,
24.3635

■ 73.5103, 74.4248,
94.7346

■ 47.7116, 62.7802,
18.7490

■ 77.3759, 76.1891,
105.2356

■ 45.5382, 61.7494,
14.5959

■ 79.3283, 77.1956,
105.3269

■ 43.6741, 60.8491,
11.7672

■ 81.3456, 78.2356,
105.4213

■ 42.0877, 60.0666,
10.0998

■ 83.4284, 79.3093,
105.5188

■ 40.7687, 59.4025,
9.3171

■ 85.1479, 80.1957,
105.5993

Harmonies

Analogous

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



65.1437, 68.4028, 48.1686



59.9874, 68.4028, 51.1157



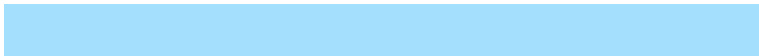
56.3590, 68.4028, 60.0942

Triad

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



59.9874, 68.4028, 51.1157



59.7761, 68.4028, 103.5959



76.1445, 68.4028, 74.8486

Complementary

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



59.9874, 68.4028, 51.1157



49.3183, 46.9644, 74.8760

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.



74.5144, 68.4028, 90.9936



59.9874, 68.4028, 51.1157



64.8860, 68.4028, 108.9593

Square

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



59.9874, 68.4028, 51.1157



56.2419, 68.4028, 90.2651



70.3155, 68.4028, 104.0564



74.6556, 68.4028, 60.6499

Rectangle

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



59.9874, 68.4028, 51.1157



55.1897, 68.4028, 69.0091



70.3155, 68.4028, 104.0564



75.9418, 68.4028, 80.2306

Sweetspot

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



59.9892, 68.4058, 51.1172



91.1980, 98.2876, 96.3694



55.6409, 54.4753, 48.6575



19.4333, 20.9989, 20.3482



0.0000, 0.0000, 0.0000



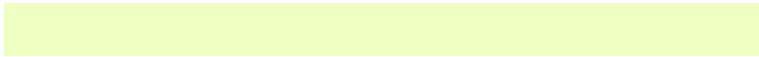
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9892, 68.4058, 51.1172



80.9620, 93.7002, 64.7400



54.0666, 65.3526, 50.8400



13.8057, 15.0801, 13.9087



23.7944, 34.5640, 5.4174



1.6215, 2.2805, 0.3547

Inverse Universe

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



49.3183, 46.9644, 74.8760



63.9113, 59.4346, 102.7113



55.2998, 50.0480, 75.1560



12.6629, 12.7843, 16.4524



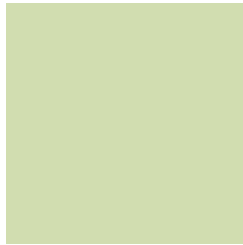
8.7198, 3.6194, 39.9774



0.6462, 0.2764, 2.5937

Previews

White Background



This preview shows how the XYZ color 59.9874, 68.4028, 51.1157 looks on a white background.

Color Contrast Check

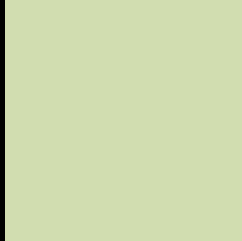
Large Text (above 18pt) WCAG AA × Fail

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 59.9874, 68.4028, 51.1157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

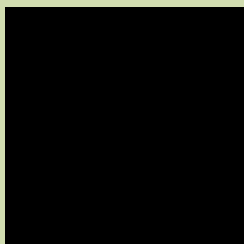
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

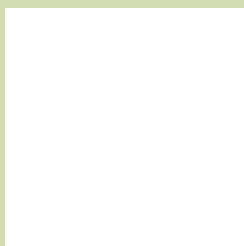
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9874, 68.4028, 51.1157

Background



This preview shows how black text looks on a background with the XYZ color 59.9874, 68.4028, 51.1157.



This preview shows how white text looks on a background with the XYZ color 59.9874, 68.4028,

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

59.9874, 68.4028, 51.1157

Protanopia

64.1564, 68.2760, 49.3324

Deuteranopia

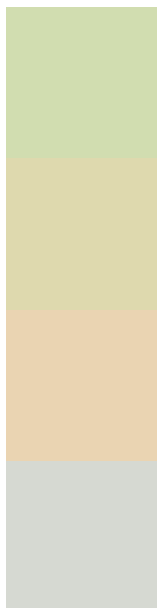
69.5164, 68.0201, 52.1131



Tritanopia

66.9448, 68.5580, 84.5676

Trichromacy



Original Color

59.9874, 68.4028, 51.1157

Protanomaly

62.5770, 68.2113, 49.9123

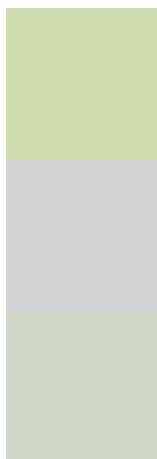
Deuteranomaly

65.5110, 67.7937, 51.7522

Tritanomaly

64.1773, 68.5750, 70.8266

Monochromacy



Original Color

59.9874, 68.4028, 51.1157

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.4732, 66.5733, 63.6428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9874, 68.4028, 51.1157 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(209, 221, 176)` looks like.

```
.text, #text, p{  
    color:rgb(209, 221, 176)  
}
```

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(209, 221, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 221, 176) }
```

Border

The CSS property to change the border of an element to XYZ 59.9874, 68.4028, 51.1157 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(209, 221, 176) }
```


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

```
.border{ border-color:rgb(209, 221, 176) }
```

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

Here you see how a box with a 4 pixel rgb(209, 221, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 221, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 221, 176);  
box-shadow:4px 4px 4px 4px rgb(209, 221,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9874, 68.4028, 51.1157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 221, 176) }
```

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

```
.background{ background-color: rgb(209,  
221, 176) }
```

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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