

Converting Colors

XYZ(55.0107, 61.8018, 51.1679)

Have a look what the booklet for
XYZ(55.0107, 61.8018, 51.1679)
contains.

XYZ(54.9019, 61.5869, 51.1133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.9019, 61.5869,
51.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D2B2
RGB	200, 210, 178
RGB Percent	78%, 82%, 70%
CMY	0.2157, 0.1765, 0.3020
CMYK	0.05, 0.00, 0.15, 0.18
HSL	79°, 26%, 76%
HSV	79°, 15%, 82%
XYZ	54.9019, 61.5869, 51.1133
YIQ	203.3620, 4.3120, -12.0720

Conversions

Conversions Part 2

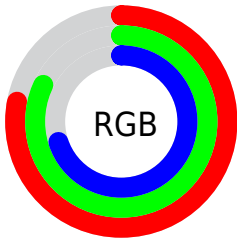
Format	Color
RYB	178, 210, 188
Decimal	13161138
CIELab	82.69, -8.99, 14.72
CIElCh	83, 17.253, 121.417
Yxy	61.5869, 0.3276, 0.3675
Android (android.graphics.Color)	4291351218 (0xFFC8D2B2)
YUV	203.3620, -12.5035, -2.9485
Hunter-Lab	78.4773, -12.4586, 16.3178

Details

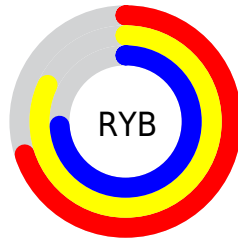
The XYZ color **54.9019, 61.5869, 51.1133** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.2947, 47.1870, 67.5387**, and the grayscale version is **57.0680, 60.0400, 65.3835**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **27.4442, 31.3686, 24.0103** is the 20% darker color. If you saturate the color by 10%, you get **51.2374, 59.9249, 40.7650**, and if you desaturate by 10%, it is **58.9678, 63.4222, 63.1679**.

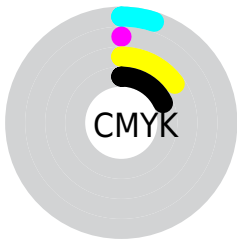
Distribution



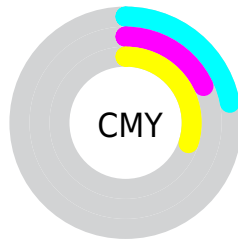
- Red (78%)
- Green (82%)
- Blue (70%)



- Red (70%)
- Yellow (82%)
- Blue (74%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9019, 61.5869, 51.1133 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 54.9019, 61.5869, 51.1133 by changing the saturation by 10% instead.

■ 54.9019, 61.5869,
51.1133

■ 54.9019, 61.5869,
51.1133

395.6824,
430.4226, 407.8629

■ 39.5567, 44.6990,
35.9214

■ 96.5464, 107.1283,
93.2354

■ 27.3758, 31.2204,
24.0843

123.5764,
136.5505, 121.0028

■ 17.9937, 20.7667,
15.1834

155.2320,
170.9196, 153.7991

■ 11.0451, 12.9536,
8.8001

191.8787,
210.6201, 192.0428

■ 6.1647, 7.3966,
4.5160

233.8817,
256.0362, 236.1525

■ 2.9871, 3.7113,
1.9125

281.6064,

■ 1.1469, 1.5134,

307.5524, 286.5467

0.5007

335.4182,
365.5531, 343.6440

■ 0.0638, 0.2982,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9019, 61.5869,
51.1133

■ 54.9019, 61.5869,
51.1133

■ 51.2374, 59.9249,
40.7650

■ 58.9678, 63.4222,
63.1679

■ 47.9539, 58.4219,
32.0419

■ 63.4449, 65.4288,
76.9971

■ 45.0363, 57.0737,
24.8624

■ 68.3485, 67.6148,
92.6702

■ 42.4664, 55.8729,
19.1359

■ 72.5434, 69.5265,
104.2042

■ 40.2243, 54.8115,
14.7628

■ 74.6448, 70.6098,
104.3026

■ 38.2876, 53.8805,
11.6307

■ 76.8260, 71.7342,
104.4047

■ 36.6307, 53.0693,
9.6090

■ 79.0877, 72.9002,
104.5105

■ 35.2221, 52.3654,
8.5382

■ 81.4308, 74.1081,
104.6202

■ 34.6121, 52.0573,
8.2238

■ 82.3378, 74.5757,
104.6626

Harmonies

Analogous

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



58.3606, 61.5869, 48.6635



54.9019, 61.5869, 51.1133



52.5024, 61.5869, 57.7646

Triad

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



54.9019, 61.5869, 51.1133



55.1947, 61.5869, 86.6113



65.9491, 61.5869, 66.5545

Complementary

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



54.9019, 61.5869, 51.1133



48.2947, 47.1870, 67.5387

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.



65.0161, 61.5869, 77.2975



54.9019, 61.5869, 51.1133



58.7128, 61.5869, 89.5856

Square

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



54.9019, 61.5869, 51.1133



52.6664, 61.5869, 78.2619



62.3281, 61.5869, 86.0144



64.8274, 61.5869, 56.9773

Rectangle

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



54.9019, 61.5869, 51.1133



51.7727, 61.5869, 64.0593



62.3281, 61.5869, 86.0144



65.8651, 61.5869, 70.1481

Sweetspot

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



54.9036, 61.5896, 51.1146



91.6134, 98.4577, 98.3771



52.5143, 52.7137, 49.5273



19.5085, 21.0288, 20.7524



0.0000, 0.0000, 0.0000



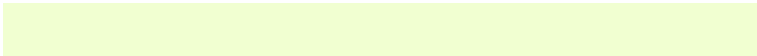
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9036, 61.5896, 51.1146



83.4379, 94.7680, 74.2809



50.9476, 59.5502, 50.9295



12.4289, 13.6046, 12.5829



21.2194, 31.8080, 5.0212



1.2662, 1.8196, 0.2845

Inverse Universe

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



48.2947, 47.1870, 67.5387



71.4447, 68.6293, 104.0890



52.3478, 49.2764, 67.7283



11.5064, 11.5944, 14.8751



8.5437, 3.5847, 37.4341



0.5591, 0.2424, 2.0969

Previews

White Background



This preview shows how the XYZ color 54.9019, 61.5869, 51.1133 looks on a white background.

Color Contrast Check

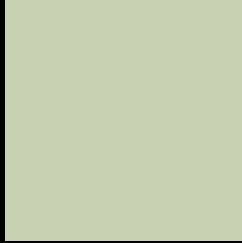
Large Text (above 18pt) WCAG AA × Fail

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 54.9019, 61.5869, 51.1133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

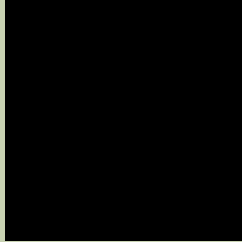
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9019, 61.5869, 51.1133

Background



This preview shows how black text looks on a background with the XYZ color 54.9019, 61.5869, 51.1133.



This preview shows how white text looks on a background with the XYZ color 54.9019, 61.5869,

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

54.9019, 61.5869, 51.1133

Protanopia

57.9867, 61.3962, 49.8687

Deuteranopia

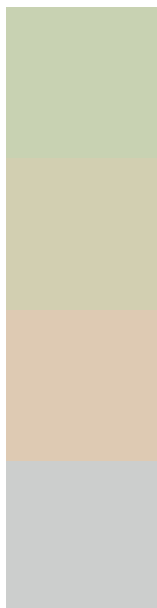
62.6933, 61.3456, 51.7166



Tritanopia

59.9647, 61.4748, 76.4155

Trichromacy



Original Color

54.9019, 61.5869, 51.1133

Protanomaly

56.8270, 61.5016, 50.4709

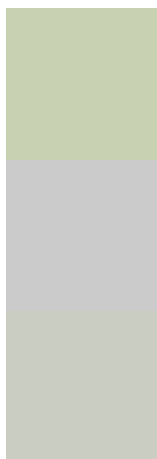
Deuteranomaly

59.3814, 61.0253, 51.2972

Tritanomaly

57.9926, 61.3878, 66.5501

Monochromacy



Original Color

54.9019, 61.5869, 51.1133

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.1660, 60.5942, 59.7745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9019, 61.5869, 51.1133 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(200, 210, 178)` looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 178)  
}
```

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(200, 210, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 178) }
```

Border

The CSS property to change the border of an element to XYZ 54.9019, 61.5869, 51.1133 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(200, 210, 178) }
```


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

```
.border{ border-color:rgb(200, 210, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 210, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 178);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9019, 61.5869, 51.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 178) }
```

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

```
.background{ background-color: rgb(200,  
210, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor