

Converting Colors

XYZ(51.4723, 60.0263, 52.7984)

Have a look what the booklet for
XYZ(51.4723, 60.0263, 52.7984)
contains.

XYZ(51.4019, 60.1151, 52.6103)	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(51.4019, 60.1151,
52.6103)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D3B5
RGB	184, 211, 181
RGB Percent	72%, 83%, 71%
CMY	0.2784, 0.1725, 0.2902
CMYK	0.13, 0.00, 0.14, 0.17
HSL	114°, 25%, 77%
HSV	114°, 14%, 83%
XYZ	51.4019, 60.1151, 52.6103
YIQ	199.5070, -6.4620, -15.0540

Conversions

Conversions Part 2

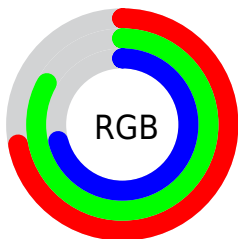
Format	Color
RYB	181, 211, 208
Decimal	12112821
CIELab	81.90, -14.62, 11.85
CIElCh	82, 18.823, 140.966
Yxy	60.1151, 0.3132, 0.3663
Android (android.graphics.Color)	4290302901 (0xFFB8D3B5)
YUV	199.5070, -9.1240, -13.5996
Hunter-Lab	77.5339, -17.3460, 14.0428

Details

The XYZ color **51.4019, 60.1151, 52.6103** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.2967, 51.1626, 68.6448**, and the grayscale version is **54.6551, 57.5015, 62.6191**.

A 20% lighter version of the original color is **86.9812, 96.1597, 94.0970**, and **25.1448, 30.1607, 24.9184** is the 20% darker color. If you saturate the color by 10%, you get **45.1511, 57.1259, 41.8591**, and if you desaturate by 10%, it is **58.5947, 63.5555, 65.1198**.

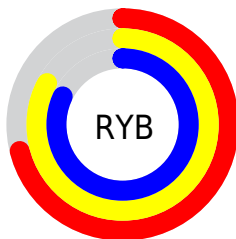
Distribution



Red (72%)

Green (83%)

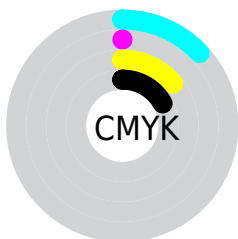
Blue (71%)



Red (71%)

Yellow (83%)

Blue (82%)

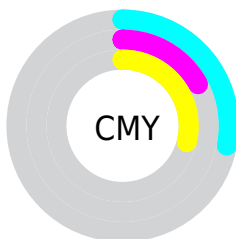


Cyan (13%)

Magenta (0%)

Yellow (14%)

Black (17%)



Cyan (28%)

Magenta (17%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4019, 60.1151, 52.6103 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 51.4019, 60.1151, 52.6103 by changing the saturation by 10% instead.


 51.4019, 60.1151,
52.6103

 51.4019, 60.1151,
52.6103


382.4852,
425.0219, 413.8120

 36.7509, 43.5114,
37.1062


 91.4280, 104.9966,
95.4664

 25.1875, 30.2866,
24.9933


117.5339,
134.0432, 123.6555

 16.3463, 20.0562,
15.8531


148.1887,
168.0063, 156.9099

 9.8619, 12.4359,
9.2670

183.7579,
207.2702, 195.6483

 5.3691, 7.0413,
4.8166

224.6068,
252.2193, 240.2892

 2.5024, 3.4879,
2.0832

271.1007,

 0.8964, 1.3915,

303.2380, 291.2511

0.6057

323.6051,
360.7108, 348.9525

■ 0.0000, 0.2104,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.4019, 60.1151,
52.6103

■ 51.4019, 60.1151,
52.6103

■ 45.1511, 57.1259,
41.8591

■ 58.5947, 63.5555,
65.1198

■ 39.7985, 54.5619,
32.7837

■ 66.7612, 67.4566,
79.4571

■ 35.3042, 52.4060,
25.3009

■ 75.9376, 71.8373,
95.6932

■ 31.6233, 50.6370,
19.3189

■ 82.5855, 75.0709,
104.7452

■ 28.7068, 49.2319,
14.7363

■ 26.5004, 48.1651,
11.4394

■ 24.9426, 47.4079,
9.2969

■ 23.9609, 46.9262,
8.1490

■ 23.6067, 46.7514,
7.7797

Harmonies

Analogous

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



54.4453, 60.1151, 47.0628



51.4019, 60.1151, 52.6103



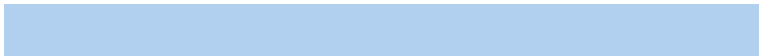
49.9143, 60.1151, 62.0765

Triad

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



51.4019, 60.1151, 52.6103



55.9454, 60.1151, 89.5499



64.5788, 60.1151, 57.9286

Complementary

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



51.4019, 60.1151, 52.6103



54.2967, 51.1626, 68.6448

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.



65.0262, 60.1151, 68.9542



51.4019, 60.1151, 52.6103



59.9173, 60.1151, 88.1059

Square

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



51.4019, 60.1151, 52.6103



52.4563, 60.1151, 83.9801



63.2849, 60.1151, 80.2370



62.0894, 60.1151, 49.8768

Rectangle

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



51.4019, 60.1151, 52.6103



49.9552, 60.1151, 69.7094



63.2849, 60.1151, 80.2370



64.9774, 60.1151, 61.3776

Sweetspot

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



51.4035, 60.1177, 52.6116



90.1537, 97.6606, 100.3250



57.7630, 62.2998, 52.6976



19.1054, 20.8120, 21.1395



0.0000, 0.0000, 0.0000



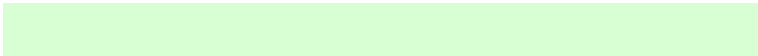
20.3446, 21.4041, 23.3091

Same Dimension

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



51.4035, 60.1177, 52.6116



75.9135, 90.8522, 75.5913



51.9779, 60.2653, 59.3467



11.7644, 13.2620, 12.5518



14.2861, 28.2337, 4.6967



0.8371, 1.5984, 0.2644

Inverse Universe

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



54.2967, 51.1626, 68.6448



81.1697, 74.5795, 104.7249



53.6988, 51.0217, 61.0530



12.1895, 11.9465, 14.9071



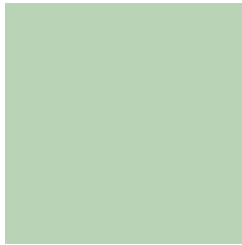
19.9469, 9.4633, 37.9678



1.1497, 0.5469, 2.1245

Previews

White Background



This preview shows how the XYZ color 51.4019, 60.1151, 52.6103 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 51.4019, 60.1151, 52.6103 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

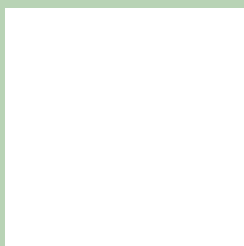
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.4019, 60.1151, 52.6103

Background



This preview shows how black text looks on a background with the XYZ color 51.4019, 60.1151, 52.6103.



This preview shows how white text looks on a background with the XYZ color 51.4019, 60.1151,

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

51.4019, 60.1151, 52.6103

Protanopia

56.7323, 60.0323, 50.1923

Deuteranopia

61.0248, 59.7635, 53.6666



Tritanopia

56.5020, 60.0129, 77.7129

Trichromacy



Original Color

51.4019, 60.1151, 52.6103

Protanomaly

54.4643, 59.9135, 50.8134

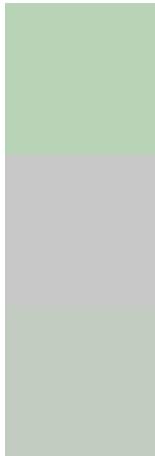
Deuteranomaly

56.8745, 59.3383, 53.2556

Tritanomaly

54.3143, 59.8220, 67.7156

Monochromacy



Original Color

51.4019, 60.1151, 52.6103

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.4666, 58.5053, 58.9267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4019, 60.1151, 52.6103 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(184, 211, 181)` looks like.

```
.text, #text, p{  
    color:rgb(184, 211, 181)  
}
```

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(184, 211, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 211, 181) }
```

Border

The CSS property to change the border of an element to XYZ 51.4019, 60.1151, 52.6103 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(184, 211, 181) }
```


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

```
.border{ border-color:rgb(184, 211, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 211, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 211, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 211, 181);  
box-shadow:4px 4px 4px 4px rgb(184, 211,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4019, 60.1151, 52.6103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 211, 181) }
```

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

```
.background{ background-color: rgb(184,  
211, 181) }
```

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