

Converting Colors

XYZ(51.9263, 51.3498, 68.2177)

Have a look what the booklet for
XYZ(51.9263, 51.3498, 68.2177)
contains.

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Color

**XYZ(51.9567, 51.5067,
68.1761)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BAD2
RGB	196, 186, 210
RGB Percent	77%, 73%, 82%
CMY	0.2314, 0.2706, 0.1765
CMYK	0.07, 0.11, 0.00, 0.18
HSL	265°, 21%, 78%
HSV	265°, 11%, 82%
XYZ	51.9567, 51.5067, 68.1761
YIQ	191.7260, -1.7440, 9.5840

Conversions

Conversions Part 2

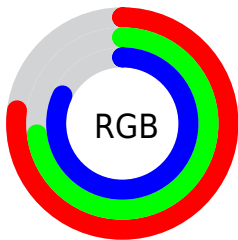
Format	Color
R_{YB}	196, 186, 210
Decimal	12892882
CIE _{Lab}	76.98, 8.03, -10.78
CIE _{LCh}	77, 13.443, 306.669
Yxy	51.5067, 0.3027, 0.3001
Android (android.graphics.Color)	4291082962 (0xFFC4BAD2)
YUV	191.7260, 9.0091, 3.7483
Hunter-Lab	71.7682, 3.6311, -6.0848

Details

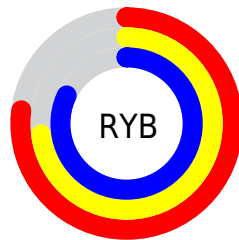
The XYZ color **51.9567, 51.5067, 68.1761** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7308, 61.9190, 55.4711**, and the grayscale version is **49.8943, 52.4927, 57.1646**.

A 20% lighter version of the original color is **90.3101, 91.6069, 107.5298**, and **25.5436, 24.9261, 34.9174** is the 20% darker color. If you saturate the color by 10%, you get **44.7963, 41.7246, 66.6661**, and if you desaturate by 10%, it is **60.0306, 62.7277, 69.9172**.

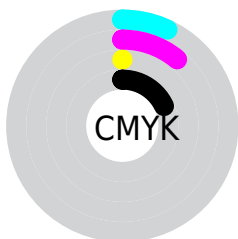
Distribution



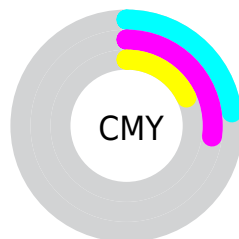
- Red (77%)
- Green (73%)
- Blue (82%)



- Red (77%)
- Yellow (73%)
- Blue (82%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9567, 51.5067, 68.1761 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 51.9567, 51.5067, 68.1761 by changing the saturation by 10% instead.

■ 51.9567, 51.5067,
68.1761

■ 51.9567, 51.5067,
68.1761

384.5961,
392.5292, 472.7347

■ 37.1947, 36.6120,
49.5734

■ 92.2420, 92.4033,
118.2606

■ 25.5326, 24.9072,
34.7058

118.4960,
119.1741, 150.5796

■ 16.6052, 16.0080,
23.1546

149.3113,
150.6723, 188.3077

■ 10.0469, 9.5298,
14.5013

185.0534,
187.2823, 231.8635

■ 5.4926, 5.0883,
8.3274

226.0876,
229.3887, 281.6656

■ 2.5768, 2.2992,
4.2144

272.7792,

■ 0.9341, 0.7733,

277.3757, 338.1324

1.7437

325.4936,
331.6277, 401.6826

■ 0.0000, 0.0000,
0.3904

■ 0.0000, 0.0000,
0.0000

■ 51.9567, 51.5067,
68.1761

■ 51.9567, 51.5067,
68.1761

■ 44.7963, 41.7246,
66.6661

■ 60.0306, 62.7277,
69.9172

■ 38.5104, 33.3151,
65.3743

■ 69.0458, 75.4371,
71.8952

■ 33.0637, 26.2164,
64.2911

■ 79.0347, 89.6901,
74.1199

■ 28.4167, 20.3594,
63.4056

■ 85.0516, 95.5869,
74.9409

■ 24.5264, 15.6684,
62.7051

■ 88.6330, 97.4332,
75.1085

■ 21.3452, 12.0590,
62.1761

■ 18.8192, 9.4350,
61.8028

■ 16.8854, 7.6821,
61.5663

■ 15.6092, 6.7030,
61.4446

Harmonies

Analogous

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



49.5299, 51.5067, 71.2939



51.9567, 51.5067, 68.1761



53.6196, 51.5067, 61.8570

Triad

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



51.9567, 51.5067, 68.1761



50.9325, 51.5067, 44.0996



44.2240, 51.5067, 57.7365

Complementary

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



51.9567, 51.5067, 68.1761



55.7308, 61.9190, 55.4711

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.



44.5702, 51.5067, 50.6782



51.9567, 51.5067, 68.1761



48.3857, 51.5067, 43.2042

Square

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



51.9567, 51.5067, 68.1761



53.0140, 51.5067, 48.0718



46.0723, 51.5067, 45.5102



45.1097, 51.5067, 64.9361

Rectangle

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



51.9567, 51.5067, 68.1761



54.0398, 51.5067, 56.9058



46.0723, 51.5067, 45.5102



44.2007, 51.5067, 55.2663

Sweetspot

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



51.9582, 51.5089, 68.1772



91.0350, 94.3792, 108.0267



52.6314, 56.5881, 69.1221



19.2604, 19.8872, 23.0734



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.



51.9582, 51.5089, 68.1772



77.4483, 75.5614, 105.1106



55.0934, 53.1251, 68.3240



11.6237, 11.6548, 14.8806



9.6300, 4.1447, 37.4849



0.6279, 0.2779, 2.1001

Inverse Universe

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



54.5643, 52.9918, 61.9986



82.3969, 78.3785, 93.3229



52.7490, 60.3819, 55.3316



12.0938, 11.9223, 13.7698



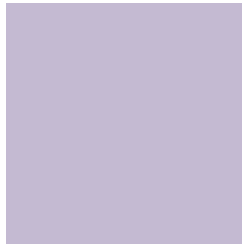
18.4258, 9.2431, 12.4141



1.0693, 0.5324, 0.8998

Previews

White Background



This preview shows how the XYZ color 51.9567, 51.5067, 68.1761 looks on a white background.

Color Contrast Check

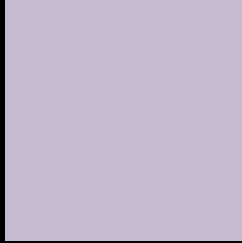
Large Text (above 18pt) WCAG AA × Fail

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 51.9567, 51.5067, 68.1761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

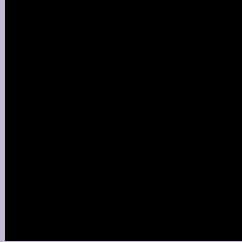
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9567, 51.5067, 68.1761

Background



This preview shows how black text looks on a background with the XYZ color 51.9567, 51.5067, 68.1761.



This preview shows how white text looks on a background with the XYZ color 51.9567, 51.5067,

68.1761.

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

51.9567, 51.5067, 68.1761

Protanopia

50.5748, 51.7135, 69.6035

Deuteranopia

52.5350, 51.4932, 68.1431



Tritanopia

50.9367, 51.4070, 63.1150

Trichromacy



Original Color

51.9567, 51.5067, 68.1761

Protanomaly

50.9763, 51.6167, 68.9043

Deuteranomaly

52.2705, 51.3568, 68.1307

Tritanomaly

51.2954, 51.5505, 65.0043

Monochromacy



Original Color

51.9567, 51.5067, 68.1761

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.7146, 52.2879, 61.4525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9567, 51.5067, 68.1761 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(196, 186, 210)` looks like.

```
.text, #text, p{  
    color:rgb(196, 186, 210)  
}
```

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(196, 186, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 186, 210) }
```

Border

The CSS property to change the border of an element to XYZ 51.9567, 51.5067, 68.1761 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(196, 186, 210) }
```


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

```
.border{ border-color:rgb(196, 186, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 186, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 186, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 186, 210);  
box-shadow:4px 4px 4px 4px rgb(196, 186,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9567, 51.5067, 68.1761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 186, 210) }
```

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

```
.background{ background-color: rgb(196,  
186, 210) }
```

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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