

Converting Colors

XYZ(51.5037, 51.2239, 68.8403)

Have a look what the booklet for
XYZ(51.5037, 51.2239, 68.8403)
contains.

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Color

**XYZ(51.5649, 51.2903,
68.8103)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BAD3
RGB	194, 186, 211
RGB Percent	76%, 73%, 83%
CMY	0.2392, 0.2706, 0.1725
CMYK	0.08, 0.12, 0.00, 0.17
HSL	259°, 22%, 78%
HSV	259°, 12%, 83%
XYZ	51.5649, 51.2903, 68.8103
YIQ	191.2420, -3.2570, 9.4710

Conversions

Conversions Part 2

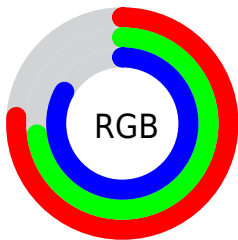
Format	Color
RYB	194, 186, 211
Decimal	12761811
CIELab	76.85, 7.56, -11.54
CIELCh	77, 13.793, 303.237
Yxy	51.2903, 0.3004, 0.2988
Android (android.graphics.Color)	4290951891 (0xFFC2BAD3)
YUV	191.2420, 9.7407, 2.4188
Hunter-Lab	71.6172, 3.1910, -6.8341

Details

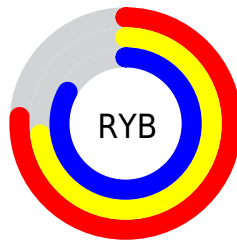
The XYZ color **51.5649, 51.2903, 68.8103** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7877, 62.8316, 55.5916**, and the grayscale version is **49.6095, 52.1931, 56.8383**.

A 20% lighter version of the original color is **89.5858, 91.2335, 107.4959**, and **25.2035, 24.7508, 34.9015** is the 20% darker color. If you saturate the color by 10%, you get **43.9374, 41.2406, 67.2733**, and if you desaturate by 10%, it is **60.2075, 62.8404, 70.5850**.

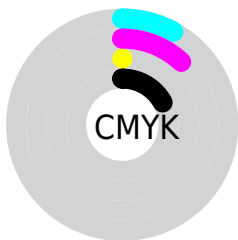
Distribution



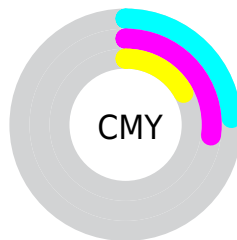
- Red (76%)
- Green (73%)
- Blue (83%)



- Red (76%)
- Yellow (73%)
- Blue (83%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (24%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5649, 51.2903, 68.8103 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 51.5649, 51.2903, 68.8103 by changing the saturation by 10% instead.

■ 51.5649, 51.2903,
68.8103

■ 51.5649, 51.2903,
68.8103

383.1062,
391.6906, 475.0374

■ 36.8812, 36.4397,
50.0864

■ 91.6673, 92.0837,
119.1757

■ 25.2888, 24.7740,
35.1104

117.8167,
118.7954, 151.6544

■ 16.4222, 15.9087,
23.4637

148.5188,
150.2295, 189.5551

■ 9.9162, 9.4596,
14.7278

184.1389,
186.7704, 233.2963

■ 5.4052, 5.0422,
8.4841

225.0423,
228.8026, 283.2966

■ 2.5241, 2.2720,
4.3140

271.5944,

■ 0.9074, 0.7588,

276.7104, 339.9745

1.7992

324.1606,
330.8783, 403.7486

■ 0.0000, 0.0000,
0.4274

■ 0.0000, 0.0000,
0.0000

■ 51.5649, 51.2903,
68.8103

■ 51.5649, 51.2903,
68.8103

■ 43.9374, 41.2406,
67.2733

■ 60.2075, 62.8404,
70.5850

■ 37.2817, 32.6223,
65.9606

■ 69.8971, 75.9433,
72.6034

■ 31.5581, 25.3706,
64.8626

■ 80.6700, 90.6564,
74.8755

■ 26.7221, 19.4132,
63.9675

■ 87.4460, 96.8068,
75.7055

■ 22.7257, 14.6707,
63.2628

■ 88.7580, 97.4832,
75.7669

■ 19.5155, 11.0549,
62.7341

■ 17.0314, 8.4651,
62.3651

■ 15.2031, 6.7815,
62.1365

■ 14.1075, 5.9144,
62.0269

Harmonies

Analogous

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



49.0351, 51.2903, 71.5329



51.5649, 51.2903, 68.8103



53.3899, 51.2903, 62.6016

Triad

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



51.5649, 51.2903, 68.8103



51.0548, 51.2903, 43.9243



43.8890, 51.2903, 56.6655

Complementary

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



51.5649, 51.2903, 68.8103



56.7877, 62.8316, 55.5916

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.



44.3868, 51.2903, 49.5956



51.5649, 51.2903, 68.8103



48.4658, 51.2903, 42.6392

Square

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



51.5649, 51.2903, 68.8103



53.0881, 51.2903, 48.3025



46.0392, 51.2903, 44.6225



44.6547, 51.2903, 64.1375

Rectangle

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



51.5649, 51.2903, 68.8103



53.9281, 51.2903, 57.5635



46.0392, 51.2903, 44.6225



43.9142, 51.2903, 54.1639

Sweetspot

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



51.5664, 51.2925, 68.8114



89.3758, 92.3719, 107.7267



53.3850, 57.8952, 69.9900



18.9080, 19.4736, 23.0122



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.



51.5664, 51.2925, 68.8114



76.3250, 74.9823, 105.0580



54.8878, 53.0047, 68.9669



11.5146, 11.5986, 14.8755



8.6088, 3.6183, 37.4372



0.5635, 0.2447, 2.0971

Inverse Universe

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



55.2042, 53.2808, 63.8771



82.9151, 78.5858, 96.0514



53.5402, 61.1574, 55.4396



12.1432, 11.9420, 14.0297



19.2757, 9.5831, 16.8899



1.1131, 0.5499, 1.1303

Previews

White Background



This preview shows how the XYZ color 51.5649, 51.2903, 68.8103 looks on a white background.

Color Contrast Check

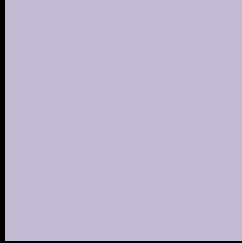
Large Text (above 18pt) WCAG AA × Fail

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 51.5649, 51.2903, 68.8103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

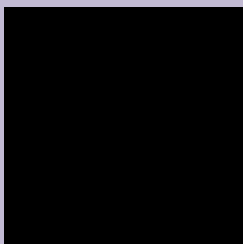
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

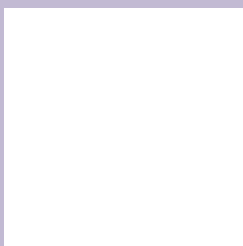
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5649, 51.2903, 68.8103

Background



This preview shows how black text looks on a background with the XYZ color 51.5649, 51.2903, 68.8103.



This preview shows how white text looks on a background with the XYZ color 51.5649, 51.2903,

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

51.5649, 51.2903, 68.8103

Protanopia

50.1166, 51.1590, 69.5206

Deuteranopia

52.3955, 51.4068, 68.7890



Tritanopia

50.4233, 51.1424, 63.0910

Trichromacy



Original Color

51.5649, 51.2903, 68.8103

Protanomaly

50.6403, 51.1129, 69.4841

Deuteranomaly

52.1328, 51.2714, 68.7767

Tritanomaly

50.7821, 51.2859, 64.9803

Monochromacy



Original Color

51.5649, 51.2903, 68.8103

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.1289, 51.6789, 60.7590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5649, 51.2903, 68.8103 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(194, 186, 211)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 211)  
}
```

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(194, 186, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 211) }
```

Border

The CSS property to change the border of an element to XYZ 51.5649, 51.2903, 68.8103 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(194, 186, 211) }
```


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

```
.border{ border-color:rgb(194, 186, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 186, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 186, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 186, 211);  
box-shadow:4px 4px 4px 4px rgb(194, 186,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5649, 51.2903, 68.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 211) }
```

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

```
.background{ background-color: rgb(194,  
186, 211) }
```

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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