

Converting Colors

XYZ(51.1044, 50.3567, 62.5626)

Have a look what the booklet for
XYZ(51.1044, 50.3567, 62.5626)
contains.

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Color

**XYZ(51.0293, 50.2261,
62.2634)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B7C9
RGB	199, 183, 201
RGB Percent	78%, 72%, 79%
CMY	0.2196, 0.2823, 0.2118
CMYK	0.01, 0.09, 0.00, 0.21
HSL	293°, 14%, 75%
HSV	293°, 9%, 79%
XYZ	51.0293, 50.2261, 62.2634
YIQ	189.8360, 3.7580, 8.9900

Conversions

Conversions Part 2

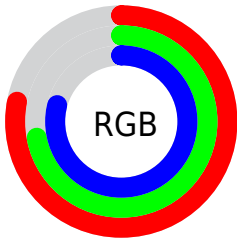
Format	Color
R _Y B	199, 183, 201
Decimal	13088713
CIE Lab	76.21, 8.93, -7.03
CIE LCh	76, 11.363, 321.807
Yxy	50.2261, 0.3121, 0.3072
Android (android.graphics.Color)	4291278793 (0xFFC7B7C9)
YUV	189.8360, 5.5039, 8.0368
Hunter-Lab	70.8704, 4.5035, -2.4802

Details

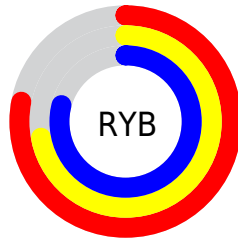
The XYZ color **51.0293, 50.2261, 62.2634** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4432, 55.5077, 52.9103**, and the grayscale version is **48.8182, 51.3606, 55.9317**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **24.9261, 24.0916, 30.9402** is the 20% darker color. If you saturate the color by 10%, you get **46.5883, 42.2166, 60.9522**, and if you desaturate by 10%, it is **56.0740, 59.4285, 63.7745**.

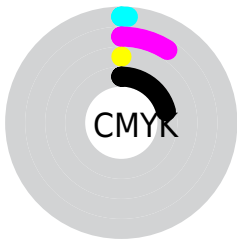
Distribution



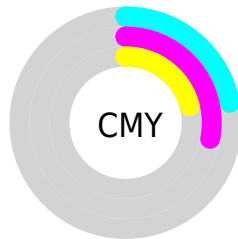
- Red (78%)
- Green (72%)
- Blue (79%)



- Red (78%)
- Yellow (72%)
- Blue (79%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0293, 50.2261, 62.2634 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 51.0293, 50.2261, 62.2634 by changing the saturation by 10% instead.

■ 51.0293, 50.2261,
62.2634

■ 51.0293, 50.2261,
62.2634

381.0634,
387.5495, 450.9254

■ 36.4531, 35.5931,
44.8084

■ 90.8808, 90.5098,
109.6814

■ 24.9560, 24.1201,
30.9647

116.8868,
116.9292, 140.4815

■ 16.1729, 15.4227,
20.3137

147.4334,
148.0463, 176.5671

■ 9.7382, 9.1166,
12.4370

182.8860,
184.2454, 218.3566

■ 5.2866, 4.8173,
6.9159

223.6100,
225.9108, 266.2686

■ 2.4529, 2.1405,
3.3319

269.9706,

■ 0.8716, 0.6872,

273.4271, 320.7218

1.2665

322.3333,
327.1785, 382.1345

■ 0.0000, 0.0000,
0.0341

■ 0.0000, 0.0000,
0.0000

■ 51.0293, 50.2261,
62.2634

■ 51.0293, 50.2261,
62.2634

■ 46.5883, 42.2166,
60.9522

■ 56.0740, 59.4285,
63.7745

■ 42.7215, 35.3435,
59.8294

■ 61.7415, 69.8643,
65.4901

■ 39.4037, 29.5556,
58.8871

■ 68.0555, 81.5801,
67.4187

■ 36.6059, 24.7949,
58.1156

■ 72.2969, 89.1376,
68.6539

■ 34.2965, 20.9983,
57.5045

■ 72.9291, 89.4635,
68.6835

■ 32.4403, 18.0956,
57.0421

■ 73.5702, 89.7940,
68.7135

■ 30.9976, 16.0071,
56.7150

■ 74.2201, 90.1290,
68.7439

■ 29.9211, 14.6387,
56.5076

■ 74.8790, 90.4687,
68.7747

■ 29.1331, 13.8347,
56.3939

■ 75.5469, 90.8130,
68.8060

Harmonies

Analogous

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



49.2757, 50.2261, 66.3134



51.0293, 50.2261, 62.2634



51.9069, 50.2261, 56.3758

Triad

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



51.0293, 50.2261, 62.2634



48.3243, 50.2261, 43.8827



44.0369, 50.2261, 59.1606

Complementary

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



51.0293, 50.2261, 62.2634



49.4432, 55.5077, 52.9103

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.



43.7993, 50.2261, 53.0336



51.0293, 50.2261, 62.2634



46.2334, 50.2261, 44.5069

Square

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



51.0293, 50.2261, 62.2634



50.3151, 50.2261, 45.9795



44.5921, 50.2261, 47.7528



45.2512, 50.2261, 64.4313

Rectangle

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



51.0293, 50.2261, 62.2634



51.8595, 50.2261, 52.3231



44.5921, 50.2261, 47.7528



43.8416, 50.2261, 57.1224

Sweetspot

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



51.0308, 50.2283, 62.2645



92.3459, 95.0549, 108.0880



47.4430, 49.0264, 62.2216



19.6147, 20.0698, 23.0900



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.



51.0308, 50.2283, 62.2645



85.6080, 82.8045, 106.0786



50.7713, 50.1862, 58.1103



10.9626, 10.7545, 13.4155



18.3175, 8.6773, 35.4538



0.9013, 0.4284, 1.6803

Inverse Universe

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



49.7795, 49.7895, 52.8879



82.9877, 81.8877, 86.3441



49.7001, 55.5552, 56.7635



10.6810, 10.6558, 11.3034



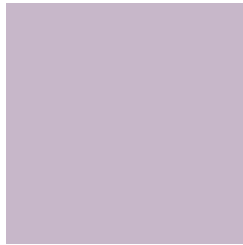
15.2555, 7.8518, 1.2895



0.7389, 0.3784, 0.1480

Previews

White Background



This preview shows how the XYZ color 51.0293, 50.2261, 62.2634 looks on a white background.

Color Contrast Check

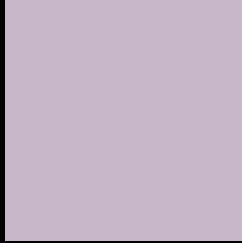
Large Text (above 18pt) WCAG AA × Fail

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 51.0293, 50.2261, 62.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

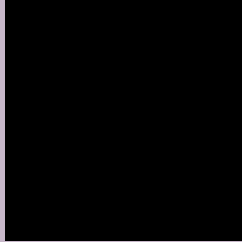
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0293, 50.2261, 62.2634

Background



This preview shows how black text looks on a background with the XYZ color 51.0293, 50.2261, 62.2634.



This preview shows how white text looks on a background with the XYZ color 51.0293, 50.2261,

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

51.0293, 50.2261, 62.2634

Protanopia

49.0433, 50.4172, 63.6466

Deuteranopia

51.2955, 50.3634, 62.2759



Tritanopia

50.8867, 50.5003, 60.4916

Trichromacy



Original Color

51.0293, 50.2261, 62.2634

Protanomaly

49.7054, 50.4584, 62.9968

Deuteranomaly

51.2955, 50.3634, 62.2759

Tritanomaly

51.0025, 50.5466, 61.1012

Monochromacy



Original Color

51.0293, 50.2261, 62.2634

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.5002, 50.7731, 58.2302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0293, 50.2261, 62.2634 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(199, 183, 201)` looks like.

```
.text, #text, p{  
    color:rgb(199, 183, 201)  
}
```

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(199, 183, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 183, 201) }
```

Border

The CSS property to change the border of an element to XYZ 51.0293, 50.2261, 62.2634 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(199, 183, 201) }
```


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

```
.border{ border-color:rgb(199, 183, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 183, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 183, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 183, 201);  
box-shadow:4px 4px 4px 4px rgb(199, 183,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0293, 50.2261, 62.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 183, 201) }
```

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

```
.background{ background-color: rgb(199,  
183, 201) }
```

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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