

Converting Colors

XYZ(50.7394, 51.1093, 57.6454)

Have a look what the booklet for
XYZ(50.7394, 51.1093, 57.6454)
contains.

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Color

**XYZ(50.7377, 51.1102,
57.6432)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BAC1
RGB	199, 186, 193
RGB Percent	78%, 73%, 76%
CMY	0.2196, 0.2706, 0.2431
CMYK	0.00, 0.07, 0.03, 0.22
HSL	328°, 10%, 75%
HSV	328°, 7%, 78%
XYZ	50.7377, 51.1102, 57.6432
YIQ	190.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

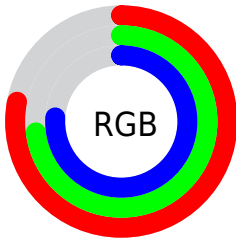
Format	Color
R _Y B	199, 186, 193
Decimal	13089473
CIE Lab	76.75, 5.84, -1.89
CIE LCh	77, 6.134, 342.089
Yxy	51.1102, 0.3181, 0.3205
Android (android.graphics.Color)	4291279553 (0xFFC7BAC1)
YUV	190.6850, 1.1413, 7.2923
Hunter-Lab	71.4914, 1.5721, 2.2387

Details

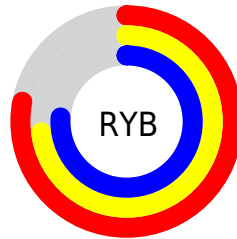
The XYZ color **50.7377, 51.1102, 57.6432** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1894, 55.0930, 57.8605**, and the grayscale version is **49.3315, 51.9005, 56.5197**.

A 20% lighter version of the original color is **90.0910, 91.6038, 102.5555**, and **24.7982, 24.6882, 28.2692** is the 20% darker color. If you saturate the color by 10%, you get **45.8410, 42.9057, 51.1111**, and if you desaturate by 10%, it is **56.2848, 60.5123, 64.7075**.

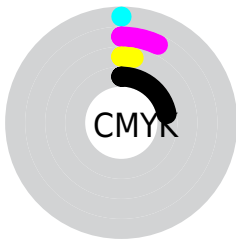
Distribution



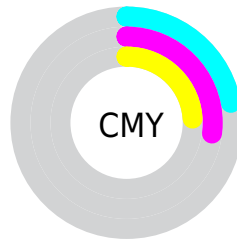
- Red (78%)
- Green (73%)
- Blue (76%)



- Red (78%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7377, 51.1102, 57.6432 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 50.7377, 51.1102, 57.6432 by changing the saturation by 10% instead.

■ 50.7377, 51.1102,
57.6432

■ 50.7377, 51.1102,
57.6432

379.9483,
390.9918, 433.4162

■ 36.2201, 36.2963,
41.1091

■ 90.4522, 91.8176,
102.9127

■ 24.7751, 24.6631,
28.0840

116.3799,
118.4800, 132.4852

■ 16.0374, 15.8263,
18.1494

146.8416,
149.8606, 167.2409

■ 9.6417, 9.4013,
10.8867

182.2027,
186.3439, 207.5983

■ 5.2225, 5.0038,
5.8775

222.8285,
228.3143, 253.9760

■ 2.4145, 2.2495,
2.7032

269.0845,

■ 0.8523, 0.7468,

276.1561, 306.7925

0.9450

321.3360,
330.2538, 366.4664

■ 0.0000, 0.0000,
0.0000

■ 50.7377, 51.1102,
57.6432

■ 50.7377, 51.1102,
57.6432

■ 45.8410, 42.9057,
51.1111

■ 56.2848, 60.5123,
64.7075

■ 41.5652, 35.8437,
45.0938

■ 62.5018, 71.1510,
72.3141

■ 37.8850, 29.8747,
39.5777

■ 69.4124, 83.0717,
80.4769

■ 34.7716, 24.9428,
34.5472

■ 73.5611, 89.3613,
88.0493

■ 32.1934, 20.9873,
29.9856

■ 74.8839, 89.8904,
95.0151

■ 30.1159, 17.9412,
25.8751

■ 76.2757, 90.4471,
102.3443

■ 28.5003, 15.7285,
22.1960

■ 77.3634, 90.8822,
108.0723

■ 27.3012, 14.2613,
18.9265

■ 26.4603, 13.4249,
16.0400

Harmonies

Analogous

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



50.0930, 51.1102, 60.5395



50.7377, 51.1102, 57.6432



50.7982, 51.1102, 54.3199

Triad

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



50.7377, 51.1102, 57.6432



48.1119, 51.1102, 49.6201



46.9381, 51.1102, 60.0542

Complementary

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



50.7377, 51.1102, 57.6432



50.1894, 55.0930, 57.8605

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.



46.4248, 51.1102, 57.0023



50.7377, 51.1102, 57.6432



47.0952, 51.1102, 51.0318

Square

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



50.7377, 51.1102, 57.6432



49.2697, 51.1102, 49.7763



46.4819, 51.1102, 53.7039



47.8942, 51.1102, 61.9692

Rectangle

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



50.7377, 51.1102, 57.6432



50.4980, 51.1102, 52.3171



46.4819, 51.1102, 53.7039



46.7087, 51.1102, 59.1222

Sweetspot

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



50.7392, 51.1124, 57.6443



93.0677, 96.6384, 106.3806



49.5699, 50.4307, 61.1549



19.9411, 20.7198, 22.7964



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.



50.7392, 51.1124, 57.6443



87.4044, 87.0761, 99.0538



50.0461, 50.8352, 53.9946



10.8686, 10.7308, 12.2913



16.9009, 8.5099, 9.9538



0.8366, 0.4175, 0.6624

Inverse Universe

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



50.7392, 51.1124, 57.6443



87.4044, 87.0761, 99.0538



50.9081, 55.3804, 61.6450



10.8686, 10.7308, 12.2913



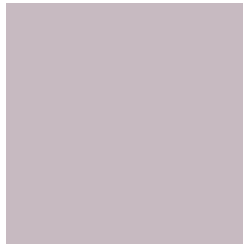
16.9009, 8.5099, 9.9538



0.8366, 0.4175, 0.6624

Previews

White Background



This preview shows how the XYZ color 50.7377, 51.1102, 57.6432 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 50.7377, 51.1102, 57.6432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

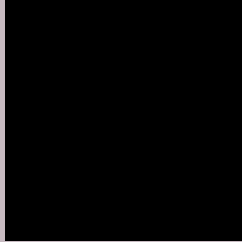
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

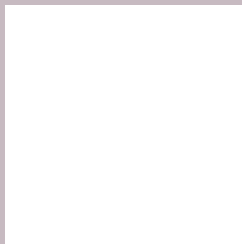
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7377, 51.1102, 57.6432

Background



This preview shows how black text looks on a background with the XYZ color 50.7377, 51.1102, 57.6432.



This preview shows how white text looks on a background with the XYZ color 50.7377, 51.1102,

57.6432.

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

50.7377, 51.1102, 57.6432

Protanopia

49.2067, 50.9378, 58.2775

Deuteranopia

52.2197, 51.2530, 57.5926



Tritanopia

51.5937, 51.1474, 61.7967

Trichromacy



Original Color

50.7377, 51.1102, 57.6432

Protanomaly

49.7561, 50.9050, 58.2422

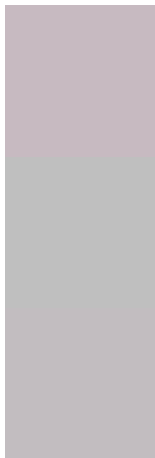
Deuteranomaly

51.6032, 51.2447, 57.6235

Tritanomaly

51.2464, 51.0085, 59.9680

Monochromacy



Original Color

50.7377, 51.1102, 57.6432

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.9602, 51.6703, 57.2094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7377, 51.1102, 57.6432 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, 186, 193)` looks like.

```
.text, #text, p{  
    color:rgb(199, 186, 193)  
}
```

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, 186, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 186, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.7377, 51.1102, 57.6432 is called "border". The border property can be set on classes, ids or directly on the HTML element.

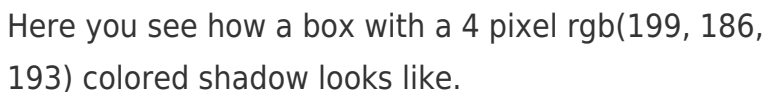
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 186, 193) }
```


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

```
.border{ border-color:rgb(199, 186, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 186, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 186, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 186, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 186,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7377, 51.1102, 57.6432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 186, 193) }
```

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

```
.background{ background-color: rgb(199,  
186, 193) }
```

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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