

Converting Colors

XYZ(50.8220, 51.9213, 51.5692)

Have a look what the booklet for
XYZ(50.8220, 51.9213, 51.5692)
contains.

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Color

**XYZ(50.7838, 51.9004,
51.5972)**

Conversions

Conversions Part 1

Format	Color
Hex	CABCB6
RGB	202, 188, 182
RGB Percent	79%, 74%, 71%
CMY	0.2078, 0.2627, 0.2863
CMYK	0.00, 0.07, 0.10, 0.21
HSL	18°, 16%, 75%
HSV	18°, 10%, 79%
XYZ	50.7838, 51.9004, 51.5972
YIQ	191.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

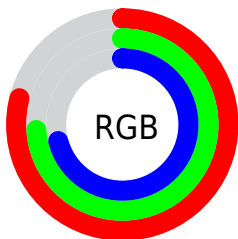
Format	Color
R _Y B	202, 191, 182
Decimal	13286582
CIE Lab	77.22, 3.91, 4.80
CIE LCh	77, 6.191, 50.837
Yxy	51.9004, 0.3292, 0.3364
Android (android.graphics.Color)	4291476662 (0xFFCABC6)
YUV	191.5020, -4.6845, 9.2067
Hunter-Lab	72.0419, -0.2452, 7.9652

Details

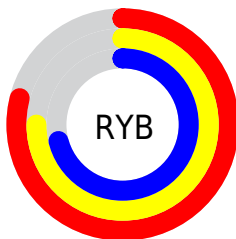
The XYZ color **50.7838, 51.9004, 51.5972** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6918, 53.6881, 63.6213**, and the grayscale version is **49.8362, 52.4315, 57.0979**.

A 20% lighter version of the original color is **89.0233, 92.1344, 93.9806**, and **24.8392, 25.2088, 24.3255** is the 20% darker color. If you saturate the color by 10%, you get **45.9720, 45.3796, 40.4261**, and if you desaturate by 10%, it is **56.1955, 59.1378, 64.4552**.

Distribution



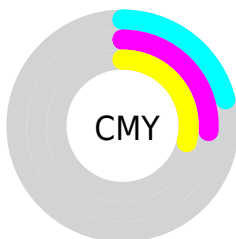
- Red (79%)
- Green (74%)
- Blue (71%)



- Red (79%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (21%)



- Cyan (21%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7838, 51.9004, 51.5972 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 50.7838, 51.9004, 51.5972 by changing the saturation by 10% instead.

■ 50.7838, 51.9004,
51.5972

■ 50.7838, 51.9004,
51.5972

380.1247,
394.0520, 409.7922

■ 36.2569, 36.9257,
36.3041

■ 90.5200, 92.9843,
93.9574

■ 24.8037, 25.1500,
24.3776

116.4600,
119.8624, 121.8617

■ 16.0588, 16.1888,
15.3992

146.9352,
151.4769, 154.8066

■ 9.6569, 9.6579,
8.9503

182.3108,
188.2125, 193.2110

■ 5.2326, 5.1727,
4.6124

222.9522,
230.4533, 237.4931

■ 2.4205, 2.3489,
1.9670

269.2247,

■ 0.8554, 0.7994,

278.5839, 288.0717

0.5349

321.4938,
332.9887, 345.3652

■ 0.0000, 0.0000,
0.0000

■ 50.7838, 51.9004,
51.5972

■ 50.7838, 51.9004,
51.5972

■ 45.9720, 45.3796,
40.4261

■ 56.1955, 59.1378,
64.4552

■ 41.7344, 39.5467,
30.8682

■ 62.2230, 67.1062,
79.0631

■ 38.0499, 34.3805,
22.8491

■ 68.8869, 75.8278,
95.4845

■ 34.8944, 29.8566,
16.2874

■ 74.9237, 84.8095,
107.0287

■ 32.2416, 25.9489,
11.0941

■ 78.1673, 91.2966,
108.1099

■ 30.0632, 22.6293,
7.1702

■ 28.3273, 19.8673,
4.4033

■ 26.9975, 17.6292,
2.6605

■ 26.0154, 15.8710,
1.6980

Harmonies

Analogous

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



51.4916, 51.9004, 54.2195



50.7838, 51.9004, 51.5972



49.6937, 51.9004, 50.3059

Triad

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



50.7838, 51.9004, 51.5972



47.1128, 51.9004, 55.4772



50.1453, 51.9004, 62.8361

Complementary

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



50.7838, 51.9004, 51.5972



49.6918, 53.6881, 63.6213

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.



48.9676, 51.9004, 63.2058



50.7838, 51.9004, 51.5972



47.2293, 51.9004, 58.8656

Square

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



50.7838, 51.9004, 51.5972



47.5829, 51.9004, 52.4863



47.9038, 51.9004, 61.7267



51.1189, 51.9004, 60.7358

Rectangle

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



50.7838, 51.9004, 51.5972



48.9023, 51.9004, 50.3366



47.9038, 51.9004, 61.7267



49.7597, 51.9004, 63.1701

Sweetspot

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



50.7852, 51.9027, 51.5983



92.1584, 96.1487, 101.9804



51.0495, 49.9987, 59.1852



19.5638, 20.3636, 21.4420



0.0000, 0.0000, 0.0000



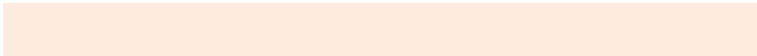
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7852, 51.9027, 51.5983



84.0539, 85.2736, 82.8351



52.9952, 56.3227, 52.3350



11.4823, 11.7536, 11.7429



16.8037, 10.3404, 1.1102



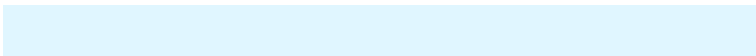
0.9339, 0.6674, 0.0796

Inverse Universe

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



49.6918, 53.6881, 63.6213



81.8139, 88.9299, 107.4609



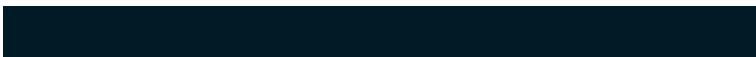
47.5117, 49.3279, 62.8946



11.2479, 12.1363, 14.3201



13.1047, 15.2333, 38.2059



0.7405, 0.9148, 1.9925

Previews

White Background



This preview shows how the XYZ color 50.7838, 51.9004, 51.5972 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 50.7838, 51.9004, 51.5972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

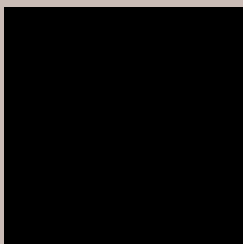
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

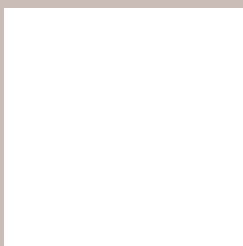
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7838, 51.9004, 51.5972

Background



This preview shows how black text looks on a background with the XYZ color 50.7838, 51.9004, 51.5972.



This preview shows how white text looks on a background with the XYZ color 50.7838, 51.9004,

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

50.7838, 51.9004, 51.5972

Protanopia

49.7256, 51.9816, 52.2124

Deuteranopia

52.8391, 51.6969, 51.9933



Tritanopia

52.6761, 51.7054, 61.8474

Trichromacy



Original Color

50.7838, 51.9004, 51.5972

Protanomaly

50.0335, 51.8199, 52.1649

Deuteranomaly

51.9086, 51.5267, 52.0095

Tritanomaly

51.8131, 51.6646, 57.6935

Monochromacy



Original Color

50.7838, 51.9004, 51.5972

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.4729, 52.6282, 55.0750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7838, 51.9004, 51.5972 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(202, 188, 182) looks like.

```
.text, #text, p{  
    color:rgb(202, 188, 182)  
}
```

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(202, 188, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 188, 182) }
```

Border

The CSS property to change the border of an element to XYZ 50.7838, 51.9004, 51.5972 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(202, 188, 182) }
```


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

```
.border{ border-color:rgb(202, 188, 182) }
```

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

Here you see how a box with a 4 pixel rgb(202, 188, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 188, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 188, 182);  
box-shadow:4px 4px 4px 4px rgb(202, 188,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7838, 51.9004, 51.5972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 188, 182) }
```

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

```
.background{ background-color: rgb(202,  
188, 182) }
```

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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