

Converting Colors

XYZ(49.8268, 51.7372, 51.0762)

Have a look what the booklet for
XYZ(49.8268, 51.7372, 51.0762)
contains.

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Color

**XYZ(49.8268, 51.7372,
51.0762)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BDB5
RGB	198, 189, 181
RGB Percent	78%, 74%, 71%
CMY	0.2235, 0.2588, 0.2902
CMYK	0.00, 0.05, 0.09, 0.22
HSL	28°, 13%, 74%
HSV	28°, 9%, 78%
XYZ	49.8268, 51.7372, 51.0762
YIQ	190.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

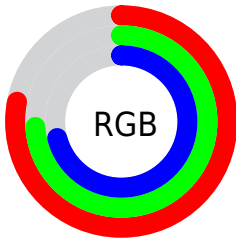
Format	Color
RYB	198, 196, 181
Decimal	13024693
CIELab	77.12, 1.77, 5.16
CIElCh	77, 5.452, 71.094
Yxy	51.7372, 0.3264, 0.3389
Android (android.graphics.Color)	4291214773 (0xFFC6BDB5)
YUV	190.7790, -4.8210, 6.3328
Hunter-Lab	71.9286, -2.2234, 8.2484

Details

The XYZ color **49.8268, 51.7372, 51.0762** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6624, 50.7269, 60.7058**, and the grayscale version is **49.4183, 51.9919, 56.6192**.

A 20% lighter version of the original color is **89.1785, 92.6792, 93.3094**, and **24.2020, 25.0961, 23.9905** is the 20% darker color. If you saturate the color by 10%, you get **45.7652, 46.6371, 40.4012**, and if you desaturate by 10%, it is **54.3429, 57.2830, 63.3285**.

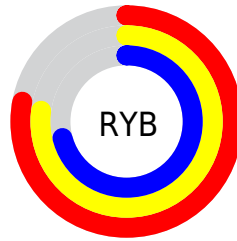
Distribution



Red (78%)

Green (74%)

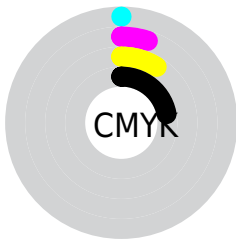
Blue (71%)



Red (78%)

Yellow (77%)

Blue (71%)

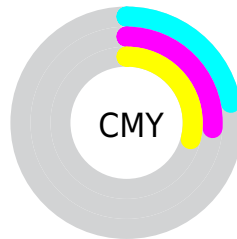


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.8268, 51.7372, 51.0762 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 49.8268, 51.7372, 51.0762 by changing the saturation by 10% instead.

■ 49.8268, 51.7372,
51.0762

■ 49.8268, 51.7372,
51.0762

376.4514,
393.4212, 407.7148

■ 35.4930, 36.7956,
35.8921

■ 89.1116, 92.7436,
93.1801

■ 24.2112, 25.0493,
24.0618

114.7933,
119.5771, 120.9369

■ 15.6159, 16.1138,
15.1669

144.9883,
151.1435, 153.7217

■ 9.3419, 9.6047,
8.7887

180.0621,
187.8271, 191.9531

■ 5.0238, 5.1377,
4.5087

220.3799,
230.0123, 236.0496

■ 2.2961, 2.3283,
1.9083

266.3072,

■ 0.7927, 0.7886,

278.0834, 286.4296

0.4980

318.2093,
332.4249, 343.5118

■ 0.0000, 0.0000,
0.0000

■ 49.8268, 51.7372,
51.0762

■ 49.8268, 51.7372,
51.0762

■ 45.7652, 46.6371,
40.4012

■ 54.3429, 57.2830,
63.3285

■ 42.1383, 41.9643,
31.2351

■ 59.3240, 63.2790,
77.2160

■ 38.9309, 37.7088,
23.5097

■ 64.7854, 69.7382,
92.7975

■ 36.1255, 33.8576,
17.1499

■ 69.8916, 76.3312,
105.6575

■ 33.7030, 30.3972,
12.0737

■ 72.9112, 82.3705,
106.6640

■ 31.6424, 27.3127,
8.1905

■ 76.1094, 88.7668,
107.7301

■ 29.9202, 24.5883,
5.3973

■ 77.0989, 90.7459,
108.0599

■ 28.5097, 22.2062,
3.5734

■ 27.3698, 20.1431,
2.5259

Harmonies

Analogous

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



50.7004, 51.7372, 52.6444



49.8268, 51.7372, 51.0762



48.7901, 51.7372, 50.8869

Triad

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



49.8268, 51.7372, 51.0762



47.2343, 51.7372, 57.4446



50.5036, 51.7372, 60.7697

Complementary

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



49.8268, 51.7372, 51.0762



47.6624, 50.7269, 60.7058

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.



49.5613, 51.7372, 62.1545



49.8268, 51.7372, 51.0762



47.6799, 51.7372, 60.1901

Square

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



49.8268, 51.7372, 51.0762



47.3031, 51.7372, 54.4939



48.5282, 51.7372, 61.9387



51.0949, 51.7372, 58.2130

Rectangle

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



49.8268, 51.7372, 51.0762



48.1470, 51.7372, 51.5601



48.5282, 51.7372, 61.9387



50.2168, 51.7372, 61.3917

Sweetspot

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



49.8282, 51.7395, 51.0773



92.5647, 96.9612, 102.1158



49.1148, 48.7749, 55.5799



19.6732, 20.5825, 21.4785



0.0000, 0.0000, 0.0000



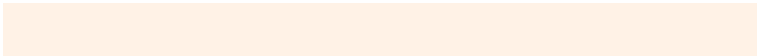
20.3446, 21.4041, 23.3091

Same Dimension

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



49.8282, 51.7395, 51.0773



87.0580, 90.1555, 87.3086



51.6946, 55.4721, 51.6994



11.0387, 11.4466, 11.1904



17.7877, 13.0926, 1.5896



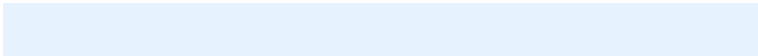
0.9146, 0.7647, 0.0994

Inverse Universe

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



47.6624, 50.7269, 60.7058



82.5718, 88.0582, 107.2527



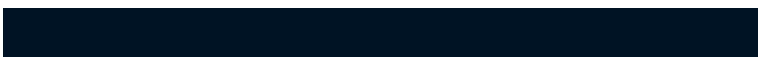
45.8892, 47.1804, 60.1147



10.5135, 11.2010, 13.5254



9.9857, 9.3653, 36.0257



0.5449, 0.5876, 1.7299

Previews

White Background



This preview shows how the XYZ color 49.8268, 51.7372, 51.0762 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 49.8268, 51.7372, 51.0762 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 49.8268, 51.7372, 51.0762

Background



This preview shows how black text looks on a background with the XYZ color 49.8268, 51.7372, 51.0762.

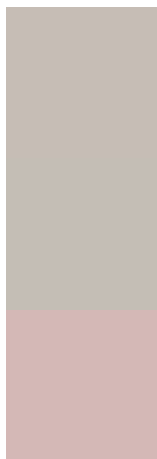


This preview shows how white text looks on a background with the XYZ color 49.8268, 51.7372, 51.0762.

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

49.8268, 51.7372, 51.0762

Protanopia

49.5189, 51.8989, 51.1236

Deuteranopia

52.7354, 51.6554, 51.4470



Tritanopia

52.1889, 51.7524, 62.4969

Trichromacy



Original Color

49.8268, 51.7372, 51.0762

Protanomaly

49.7799, 52.0334, 51.1358

Deuteranomaly

51.7345, 51.7606, 51.5201

Tritanomaly

51.3273, 51.7150, 58.3157

Monochromacy



Original Color

49.8268, 51.7372, 51.0762

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.6312, 51.8841, 54.4125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8268, 51.7372, 51.0762 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(198, 189, 181)` looks like.

```
.text, #text, p{  
    color:rgb(198, 189, 181)  
}
```

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(198, 189, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 181) }
```

Border

The CSS property to change the border of an element to XYZ 49.8268, 51.7372, 51.0762 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(198, 189, 181) }
```


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

```
.border{ border-color:rgb(198, 189, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 189, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 181);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8268, 51.7372, 51.0762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 181) }
```

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

```
.background{ background-color: rgb(198,  
189, 181) }
```

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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