

Converting Colors

XYZ(48.7137, 49.5702, 51.8003)

Have a look what the booklet for
XYZ(48.7137, 49.5702, 51.8003)
contains.

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Color

**XYZ(48.7137, 49.5702,
51.8003)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B8B7
RGB	197, 184, 183
RGB Percent	77%, 72%, 72%
CMY	0.2274, 0.2784, 0.2823
CMYK	0.00, 0.07, 0.07, 0.23
HSL	4°, 11%, 75%
HSV	4°, 7%, 77%
XYZ	48.7137, 49.5702, 51.8003
YIQ	187.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

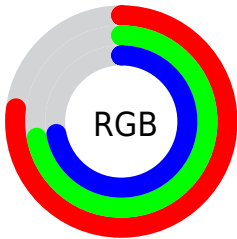
Format	Color
R_{YB}	197, 184, 183
Decimal	12957879
CIE Lab	75.80, 4.43, 2.15
CIE LCh	76, 4.922, 25.946
Yxy	49.5702, 0.3246, 0.3303
Android (android.graphics.Color)	4291147959 (0xFFC5B8B7)
YUV	187.7730, -2.3531, 8.0921
Hunter-Lab	70.4061, 0.2927, 5.6625

Details

The XYZ color **48.7137, 49.5702, 51.8003** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3463, 53.5775, 60.5646**, and the grayscale version is **47.6821, 50.1652, 54.6299**.

A 20% lighter version of the original color is **87.6131, 89.6230, 94.3426**, and **23.4733, 23.6839, 24.4534** is the 20% darker color. If you saturate the color by 10%, you get **43.2489, 41.6951, 40.5605**, and if you desaturate by 10%, it is **54.9595, 58.5467, 64.7175**.

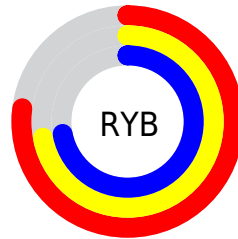
Distribution



Red (77%)

Green (72%)

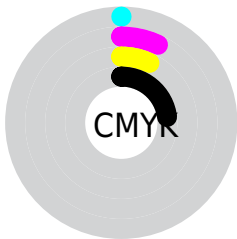
Blue (72%)



Red (77%)

Yellow (72%)

Blue (72%)

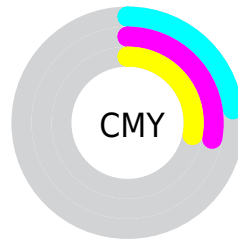


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7137, 49.5702, 51.8003 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 48.7137, 49.5702, 51.8003 by changing the saturation by 10% instead.

■ 48.7137, 49.5702,
51.8003

■ 48.7137, 49.5702,
51.8003

372.1498,
384.9828, 410.6002

■ 34.6060, 35.0720,
36.4648

■ 87.4694, 89.5377,
94.2602

■ 23.5246, 23.7184,
24.5008

112.8481,
115.7759, 122.2217

■ 15.1042, 15.1248,
15.4899

142.7145,
146.6961, 155.2290

■ 8.9793, 8.9070,
9.0135

177.4340,
182.6829, 193.7005

■ 4.7847, 4.6806,
4.6531

217.3719,
224.1205, 238.0548

■ 2.1550, 2.0611,
1.9900

262.8936,

■ 0.7188, 0.6426,

271.3935, 288.7105

0.5491

314.3645,
324.8861, 346.0861

■ 0.0000, 0.0000,
0.0000

■ 48.7137, 49.5702,
51.8003

■ 48.7137, 49.5702,
51.8003

■ 43.2489, 41.6951,
40.5605

■ 54.9595, 58.5467,
64.7175

■ 38.5303, 34.8728,
30.9264

■ 62.0109, 68.6579,
79.3738

■ 34.5268, 29.0607,
22.8255

■ 69.8967, 79.9438,
95.8312

■ 31.2035, 24.2107,
16.1788

■ 76.8362, 90.6105,
108.0476

■ 28.5223, 20.2708,
10.9001

■ 26.4418, 17.1843,
6.8941

■ 24.9154, 14.8878,
4.0533

■ 23.8896, 13.3095,
2.2524

■ 23.2973, 12.3627,
1.3220

Harmonies

Analogous

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



48.8906, 49.5702, 54.3303



48.7137, 49.5702, 51.8003



48.1064, 49.5702, 49.9083

Triad

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



48.7137, 49.5702, 51.8003



45.6733, 49.5702, 51.2027



46.9908, 49.5702, 59.1536

Complementary

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



48.7137, 49.5702, 51.8003



49.3463, 53.5775, 60.5646

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.



46.1373, 49.5702, 58.2537



48.7137, 49.5702, 51.8003



45.3829, 49.5702, 53.6183

Square

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



48.7137, 49.5702, 51.8003



46.3499, 49.5702, 49.5712



45.5516, 49.5702, 56.2067



47.8884, 49.5702, 58.6291

Rectangle

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



48.7137, 49.5702, 51.8003



47.5432, 49.5702, 49.2348



45.5516, 49.5702, 56.2067



46.6893, 49.5702, 59.0069

Sweetspot

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



48.7151, 49.5724, 51.8014



92.7478, 96.6922, 104.1354



49.9315, 49.7266, 59.2315



19.8760, 20.7308, 22.3392



0.0000, 0.0000, 0.0000



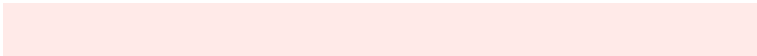
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7151, 49.5724, 51.8014



85.1486, 85.7611, 88.4469



50.1901, 52.5224, 52.2930



10.6939, 10.7570, 11.0754



15.2731, 8.0633, 0.7514



0.7449, 0.4252, 0.0428

Inverse Universe

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



49.3463, 53.5775, 60.5646



86.5824, 94.8592, 108.3540



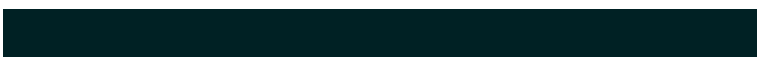
47.8191, 50.5231, 60.0555



10.8792, 11.9324, 13.6473



17.7765, 24.9470, 38.6227



0.8617, 1.2211, 1.8354

Previews

White Background



This preview shows how the XYZ color 48.7137, 49.5702, 51.8003 looks on a white background.

Color Contrast Check

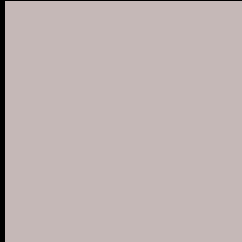
Large Text (above 18pt) WCAG AA × Fail

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 48.7137, 49.5702, 51.8003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

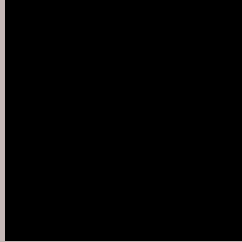
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.7137, 49.5702, 51.8003

Background



This preview shows how black text looks on a background with the XYZ color 48.7137, 49.5702, 51.8003.



This preview shows how white text looks on a background with the XYZ color 48.7137, 49.5702,

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

48.7137, 49.5702, 51.8003

Protanopia

47.6965, 49.6549, 52.4179

Deuteranopia

50.6292, 49.6303, 52.2585



Tritanopia

50.2449, 49.5835, 59.1469

Trichromacy



Original Color

48.7137, 49.5702, 51.8003

Protanomaly

47.9930, 49.4961, 52.3716

Deuteranomaly

50.0083, 49.6131, 52.2880

Tritanomaly

49.6262, 49.6343, 56.2550

Monochromacy



Original Color

48.7137, 49.5702, 51.8003

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.1191, 50.1622, 53.6005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7137, 49.5702, 51.8003 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(197, 184, 183) looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 183)  
}
```

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(197, 184, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 183) }
```

Border

The CSS property to change the border of an element to XYZ 48.7137, 49.5702, 51.8003 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(197, 184, 183) }
```


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

```
.border{ border-color:rgb(197, 184, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 183);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7137, 49.5702, 51.8003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 183) }
```

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

```
.background{ background-color: rgb(197,  
184, 183) }
```

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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