

Converting Colors

XYZ(52.1741, 51.1958, 56.7284)

Have a look what the booklet for
XYZ(52.1741, 51.1958, 56.7284)
contains.

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Color

**XYZ(52.3870, 51.3521,
57.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB8C0
RGB	207, 184, 192
RGB Percent	81%, 72%, 75%
CMY	0.1882, 0.2784, 0.2471
CMYK	0.00, 0.11, 0.07, 0.19
HSL	339°, 19%, 77%
HSV	339°, 11%, 81%
XYZ	52.3870, 51.3521, 57.0200
YIQ	191.7890, 11.1400, 7.3640

Conversions

Conversions Part 2

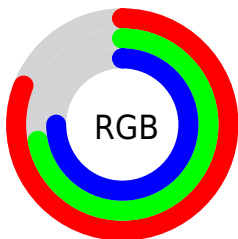
Format	Color
R _Y B	207, 184, 192
Decimal	13613248
CIE Lab	76.89, 9.56, -1.05
CIE LCh	77, 9.613, 353.733
Yxy	51.3521, 0.3259, 0.3194
Android (android.graphics.Color)	4291803328 (0xFFCFB8C0)
YUV	191.7890, 0.1040, 13.3400
Hunter-Lab	71.6604, 5.0860, 2.9853

Details

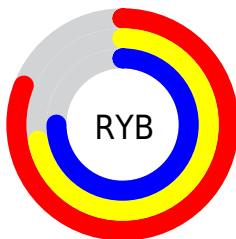
The XYZ color **52.3870, 51.3521, 57.0200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3907, 58.9408, 62.6510**, and the grayscale version is **49.9759, 52.5785, 57.2580**.

A 20% lighter version of the original color is **89.3434, 90.3575, 101.5388**, and **25.9134, 24.8690, 27.8605** is the 20% darker color. If you saturate the color by 10%, you get **46.9699, 42.8027, 48.1689**, and if you desaturate by 10%, it is **58.5735, 61.2193, 66.8060**.

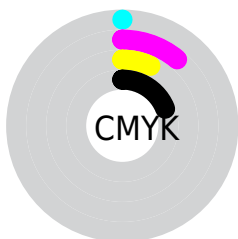
Distribution



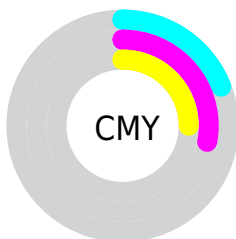
- Red (81%)
- Green (72%)
- Blue (75%)



- Red (81%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (19%)





- Cyan (19%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3870, 51.3521, 57.0200 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 52.3870, 51.3521, 57.0200 by changing the saturation by 10% instead.


 52.3870, 51.3521,
57.0200

 52.3870, 51.3521,
57.0200


386.2283,
391.9302, 431.0201

 37.5392, 36.4889,
40.6118


 92.8726, 92.1750,
101.9950

 25.8008, 24.8120,
27.6985


119.2410,
118.9035, 131.3989

 16.8066, 15.9371,
17.8614


150.1804,
150.3559, 165.9718

 10.1911, 9.4796,
10.6821

186.0560,
186.9166, 206.1322

 5.5891, 5.0553,
5.7421

227.2333,
228.9700, 252.2987

 2.6351, 2.2798,
2.6226

274.0775,

 0.9639, 0.7630,

276.9005, 304.8899

0.9041

326.9540,
331.0924, 364.3241

■ 0.0000, 0.0000,
0.0000

■ 52.3870, 51.3521,
57.0200

■ 52.3870, 51.3521,
57.0200

■ 46.9699, 42.8027,
48.1689

■ 58.5735, 61.2193,
66.8060

■ 42.2869, 35.5085,
40.2209

■ 65.5541, 72.4500,
77.5508

■ 38.3064, 29.4117,
33.1474

■ 73.3579, 85.0961,
89.2813

■ 34.9929, 24.4474,
26.9165

■ 78.1284, 91.4400,
100.7284

■ 32.3073, 20.5447,
21.4946

■ 79.5424, 92.0055,
108.1743

■ 30.2066, 17.6242,
16.8454

■ 28.6418, 15.5956,
12.9292

■ 27.5549, 14.3512,
9.7021

■ 26.9014, 13.7332,
7.3604

Harmonies

Analogous

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



51.6981, 51.3521, 62.0832



52.3870, 51.3521, 57.0200



52.0979, 51.3521, 51.9589

Triad

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



52.3870, 51.3521, 57.0200



47.4074, 51.3521, 47.1945



46.7585, 51.3521, 64.4300

Complementary

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



52.3870, 51.3521, 57.0200



52.3907, 58.9408, 62.6510

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.



45.6608, 51.3521, 60.0643



52.3870, 51.3521, 57.0200



46.0289, 51.3521, 50.1671

Square

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



52.3870, 51.3521, 57.0200



49.1934, 51.3521, 46.4914



45.3970, 51.3521, 54.8218



48.4259, 51.3521, 66.5301

Rectangle

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



52.3870, 51.3521, 57.0200



51.3930, 51.3521, 49.2388



45.3970, 51.3521, 54.8218



46.3124, 51.3521, 63.1662

Sweetspot

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



52.3885, 51.3544, 57.0211



91.8648, 94.8986, 103.9263



51.9446, 50.9236, 66.1236



19.4849, 20.0276, 21.9651



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.



52.3885, 51.3544, 57.0211



82.0834, 79.3277, 88.3591



52.2515, 52.4601, 52.7219



11.9760, 11.8752, 13.1496



16.9895, 8.6686, 4.8508



0.9870, 0.4995, 0.4666

Inverse Universe

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



52.3885, 51.3544, 57.0211



82.0834, 79.3277, 88.3591



52.5174, 57.6688, 67.3953



11.9760, 11.8752, 13.1496



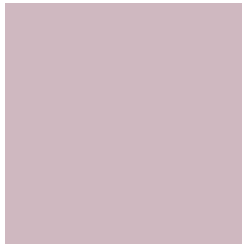
16.9895, 8.6686, 4.8508



0.9870, 0.4995, 0.4666

Previews

White Background



This preview shows how the XYZ color 52.3870, 51.3521, 57.0200 looks on a white background.

Color Contrast Check

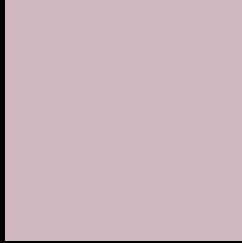
Large Text (above 18pt) WCAG AA × Fail

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 52.3870, 51.3521, 57.0200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

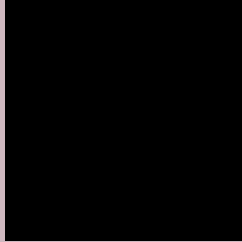
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3870, 51.3521, 57.0200

Background



This preview shows how black text looks on a background with the XYZ color 52.3870, 51.3521, 57.0200.



This preview shows how white text looks on a background with the XYZ color 52.3870, 51.3521,

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

52.3870, 51.3521, 57.0200

Protanopia

49.7862, 51.5418, 58.9543

Deuteranopia

52.3870, 51.3521, 57.0200



Tritanopia

53.0240, 51.3081, 59.9321

Trichromacy



Original Color

52.3870, 51.3521, 57.0200

Protanomaly

50.5339, 51.3060, 58.2786

Deuteranomaly

52.3870, 51.3521, 57.0200

Tritanomaly

52.7962, 51.2170, 58.7330

Monochromacy



Original Color

52.3870, 51.3521, 57.0200

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.7380, 52.0713, 57.2458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3870, 51.3521, 57.0200 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(207, 184, 192) looks like.

```
.text, #text, p{  
    color:rgb(207, 184, 192)  
}
```

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(207, 184, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 184, 192) }
```

Border

The CSS property to change the border of an element to XYZ 52.3870, 51.3521, 57.0200 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(207, 184, 192) }
```


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

```
.border{ border-color:rgb(207, 184, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 184, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 184, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 184, 192);  
box-shadow:4px 4px 4px 4px rgb(207, 184,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3870, 51.3521, 57.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 184, 192) }
```

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

```
.background{ background-color: rgb(207,  
184, 192) }
```

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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