

Converting Colors

XYZ(52.3222, 51.6652, 49.2216)

Have a look what the booklet for
XYZ(52.3222, 51.6652, 49.2216)
contains.

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Color

**XYZ(52.5362, 51.9093,
49.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B9B2
RGB	212, 185, 178
RGB Percent	83%, 73%, 70%
CMY	0.1686, 0.2745, 0.3020
CMYK	0.00, 0.13, 0.16, 0.17
HSL	12°, 28%, 76%
HSV	12°, 16%, 83%
XYZ	52.5362, 51.9093, 49.3700
YIQ	192.2750, 18.3390, 3.5470

Conversions

Conversions Part 2

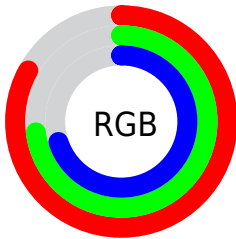
Format	Color
R _Y B	212, 187, 178
Decimal	13941170
CIE Lab	77.23, 8.50, 7.09
CIE LCh	77, 11.067, 39.813
Yxy	51.9093, 0.3416, 0.3375
Android (android.graphics.Color)	4292131250 (0xFFD4B9B2)
YUV	192.2750, -7.0376, 17.2988
Hunter-Lab	72.0481, 4.0748, 9.8060

Details

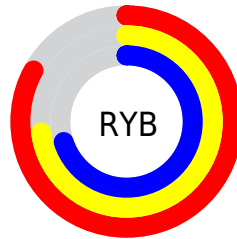
The XYZ color **52.5362, 51.9093, 49.3700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0747, 57.8798, 70.7151**, and the grayscale version is **50.2971, 52.9165, 57.6260**.

A 20% lighter version of the original color is **87.5466, 90.1111, 90.6209**, and **25.8576, 25.1513, 22.8939** is the 20% darker color. If you saturate the color by 10%, you get **47.2549, 44.4936, 37.9069**, and if you desaturate by 10%, it is **58.5663, 60.2951, 62.7069**.

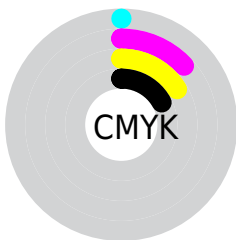
Distribution



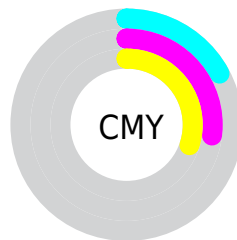
- Red (83%)
- Green (73%)
- Blue (70%)



- Red (83%)
- Yellow (73%)
- Blue (70%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (17%)





- Cyan (17%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5362, 51.9093, 49.3700 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 52.5362, 51.9093, 49.3700 by changing the saturation by 10% instead.


 52.5362, 51.9093,
49.3700

 52.5362, 51.9093,
49.3700


386.7932,
394.0864, 400.8614

 37.6586, 36.9328,
34.5454


 93.0911, 92.9975,
90.6274

 25.8939, 25.1555,
23.0322


119.4991,
119.8779, 117.8973

 16.8765, 16.1929,
14.4117


150.4814,
151.4951, 150.1527

 10.2413, 9.6608,
8.2656

186.4032,
188.2335, 187.8122

 5.6227, 5.1746,
4.1752

227.6299,
230.4774, 231.2942

 2.6555, 2.3501,
1.7219

274.5270,

 0.9743, 0.8000,

278.6112, 281.0174

0.3757

327.4596,
333.0194, 337.4003

■ 0.0000, 0.0000,
0.0000

■ 52.5362, 51.9093,
49.3700

■ 52.5362, 51.9093,
49.3700

■ 47.2549, 44.4936,
37.9069

■ 58.5663, 60.2951,
62.7069

■ 42.6885, 38.0060,
28.2302

■ 65.3688, 69.6772,
77.9930

■ 38.8070, 32.4117,
20.2503

■ 72.9716, 80.0896,
95.3038

■ 35.5763, 27.6711,
13.8687

■ 80.1178, 91.0496,
107.9594

■ 32.9595, 23.7415,
8.9765

■ 80.9616, 92.7371,
108.2407

■ 30.9157, 20.5763,
5.4512

■ 29.3984, 18.1240,
3.1506

■ 28.3529, 16.3261,
1.8981

■ 28.0401, 15.7742,
1.5668

Harmonies

Analogous

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



53.4650, 51.9093, 54.5539



52.5362, 51.9093, 49.3700



50.7583, 51.9093, 46.2558

Triad

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



52.5362, 51.9093, 49.3700



45.6102, 51.9093, 52.5867



50.0363, 51.9093, 68.8223

Complementary

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



52.5362, 51.9093, 49.3700



52.0747, 57.8798, 70.7151

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.



47.9449, 51.9093, 68.2012



52.5362, 51.9093, 49.3700



45.4295, 51.9093, 58.5336

Square

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



52.5362, 51.9093, 49.3700



46.7739, 51.9093, 48.0186



46.2727, 51.9093, 64.3299



51.9946, 51.9093, 65.9707

Rectangle

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



52.5362, 51.9093, 49.3700



49.3515, 51.9093, 45.6312



46.2727, 51.9093, 64.3299



49.3249, 51.9093, 69.0172

Sweetspot

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



52.5376, 51.9116, 49.3711



89.9196, 92.9159, 97.3967



54.1159, 50.2559, 64.7329



19.0974, 19.6814, 20.5140



0.0000, 0.0000, 0.0000



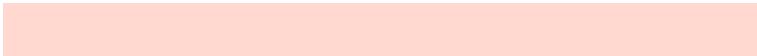
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5376, 51.9116, 49.3711



77.1396, 75.1271, 69.1787



56.2614, 59.3592, 50.6124



12.6284, 12.8311, 12.9718



17.3687, 9.8546, 0.9867



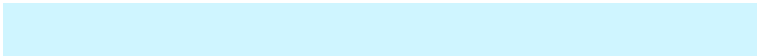
1.1079, 0.7150, 0.0796

Inverse Universe

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



52.0747, 57.8798, 70.7151



76.3148, 85.7372, 107.1345



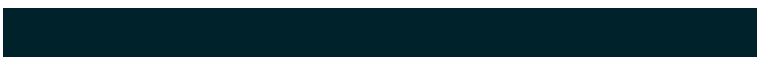
48.2704, 50.2711, 69.4470



12.5649, 13.6532, 15.9106



16.0921, 20.4459, 41.5515



1.0266, 1.3452, 2.5249

Previews

White Background



This preview shows how the XYZ color 52.5362, 51.9093, 49.3700 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 52.5362, 51.9093, 49.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

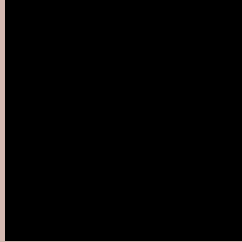
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5362, 51.9093, 49.3700

Background



This preview shows how black text looks on a background with the XYZ color 52.5362, 51.9093, 49.3700.



This preview shows how white text looks on a background with the XYZ color 52.5362, 51.9093,

49.3700.

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

52.5362, 51.9093, 49.3700

Protanopia

49.7799, 52.0334, 51.1358

Deuteranopia

52.9079, 51.7915, 49.3277



Tritanopia

54.4233, 51.7376, 59.3425

Trichromacy



Original Color

52.5362, 51.9093, 49.3700

Protanomaly

50.5786, 51.8183, 50.5162

Deuteranomaly

52.6169, 51.6415, 49.3141

Tritanomaly

53.5594, 51.6872, 55.2979

Monochromacy



Original Color

52.5362, 51.9093, 49.3700

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.7204, 52.1252, 54.4016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5362, 51.9093, 49.3700 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(212, 185, 178)` looks like.

```
.text, #text, p{  
    color:rgb(212, 185, 178)  
}
```

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(212, 185, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 185, 178) }
```

Border

The CSS property to change the border of an element to XYZ 52.5362, 51.9093, 49.3700 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(212, 185, 178) }
```


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

```
.border{ border-color:rgb(212, 185, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 185, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 185, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 185, 178);  
box-shadow:4px 4px 4px 4px rgb(212, 185,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5362, 51.9093, 49.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 185, 178) }
```

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

```
.background{ background-color: rgb(212,  
185, 178) }
```

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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