

Converting Colors

XYZ(53.9873, 52.5165, 62.4759)

Have a look what the booklet for
XYZ(53.9873, 52.5165, 62.4759)
contains.

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Color

**XYZ(53.9040, 52.3249,
62.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B9C9
RGB	208, 185, 201
RGB Percent	82%, 73%, 79%
CMY	0.1843, 0.2745, 0.2118
CMYK	0.00, 0.11, 0.03, 0.18
HSL	318°, 20%, 77%
HSV	318°, 11%, 82%
XYZ	53.9040, 52.3249, 62.5170
YIQ	193.7010, 8.5720, 9.8520

Conversions

Conversions Part 2

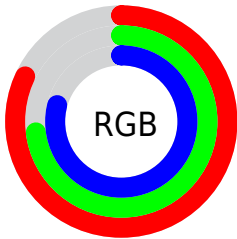
Format	Color
R _Y B	208, 185, 201
Decimal	13679049
CIE Lab	77.47, 10.96, -5.07
CIE LCh	77, 12.076, 335.193
Yxy	52.3249, 0.3194, 0.3101
Android (android.graphics.Color)	4291869129 (0xFFD0B9C9)
YUV	193.7010, 3.5984, 12.5402
Hunter-Lab	72.3360, 6.4284, -0.6068

Details

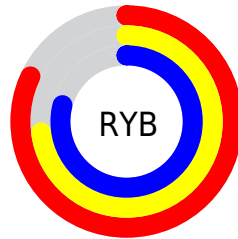
The XYZ color **53.9040, 52.3249, 62.5170** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0799, 59.2332, 58.5603**, and the grayscale version is **51.0786, 53.7387, 58.5214**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **26.8442, 25.4791, 31.1069** is the 20% darker color. If you saturate the color by 10%, you get **49.1379, 43.9596, 57.3294**, and if you desaturate by 10%, it is **59.3404, 61.9802, 68.0808**.

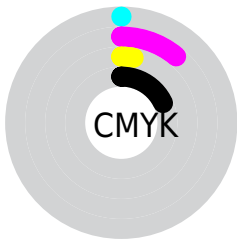
Distribution



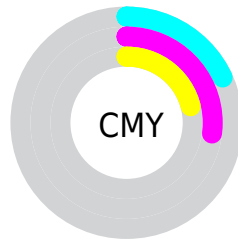
- Red (82%)
- Green (73%)
- Blue (79%)



- Red (82%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (18%)





- Cyan (18%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9040, 52.3249, 62.5170 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 53.9040, 52.3249, 62.5170 by changing the saturation by 10% instead.


 53.9040, 52.3249,
62.5170

 53.9040, 52.3249,
62.5170


391.9482,
395.6896, 451.8741

 38.7553, 37.2641,
45.0121


 95.0910, 93.6102,
110.0512

 26.7493, 25.4120,
31.1239


121.8600,
120.6035, 140.9176

 17.5206, 16.3843,
20.4340


153.2331,
152.3432, 177.0749

 10.7040, 9.7965,
12.5237

189.5757,
189.2135, 218.9417

 5.9340, 5.2642,
6.9745

231.2532,
231.5989, 266.9364

 2.8452, 2.4031,
3.3680

278.6308,

 1.0725, 0.8275,

279.8838, 321.4777

1.2855

332.0740,
334.4526, 382.9841

■ 0.0019, 0.0000,
0.0498

■ 0.0000, 0.0000,
0.0000

■ 53.9040, 52.3249,
62.5170

■ 53.9040, 52.3249,
62.5170

■ 49.1379, 43.9596,
57.3294

■ 59.3404, 61.9802,
68.0808

■ 45.0097, 36.8222,
52.5035

■ 65.4687, 72.9704,
74.0278

■ 41.4910, 30.8558,
48.0286

■ 72.3153, 85.3469,
80.3692

■ 38.5493, 25.9962,
43.8921

■ 75.5451, 90.4390,
85.6618

■ 36.1493, 22.1731,
40.0802

■ 76.4320, 90.7938,
90.3318

■ 34.2513, 19.3080,
36.5778

■ 77.3512, 91.1615,
95.1726

■ 32.8102, 17.3112,
33.3678

■ 78.3033, 91.5423,
100.1861

■ 31.7722, 16.0758,
30.4303

■ 79.2885, 91.9363,
105.3738

■ 31.0994, 15.4447,
28.0036

■ 79.8227, 92.1501,
108.1874

Harmonies

Analogous

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



52.3554, 52.3249, 68.0932



53.9040, 52.3249, 62.5170



54.3211, 52.3249, 55.8215

Triad

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



53.9040, 52.3249, 62.5170



49.3296, 52.3249, 45.1463



46.1675, 52.3249, 64.6776

Complementary

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



53.9040, 52.3249, 62.5170



52.0799, 59.2332, 58.5603

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.



45.4113, 52.3249, 58.1401



53.9040, 52.3249, 62.5170



47.2002, 52.3249, 47.1345

Square

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



53.9040, 52.3249, 62.5170



51.6332, 52.3249, 46.1202



45.7834, 52.3249, 51.7667



47.8805, 52.3249, 69.4072

Rectangle

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



53.9040, 52.3249, 62.5170



53.8905, 52.3249, 51.6932



45.7834, 52.3249, 51.7667



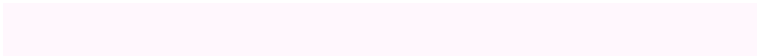
45.7955, 52.3249, 62.6004

Sweetspot

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



53.9055, 52.3272, 62.5181



92.2852, 95.0667, 106.1400



50.4492, 50.4481, 66.7537



19.5983, 20.0730, 22.5625



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.



53.9055, 52.3272, 62.5181



83.7890, 80.0099, 97.3409



52.6138, 51.8105, 55.7161



12.1512, 11.9452, 14.0718



19.4274, 9.6438, 17.6888



1.1207, 0.5530, 1.1703

Inverse Universe

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



53.9055, 52.3272, 62.5181



83.7890, 80.0099, 97.3409



53.3924, 59.7582, 65.4718



12.1512, 11.9452, 14.0718



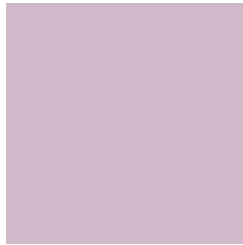
19.4274, 9.6438, 17.6888



1.1207, 0.5530, 1.1703

Previews

White Background



This preview shows how the XYZ color 53.9040, 52.3249, 62.5170 looks on a white background.

Color Contrast Check

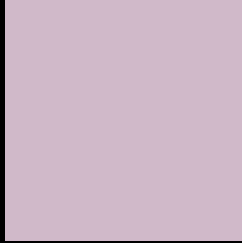
Large Text (above 18pt) WCAG AA × Fail

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 53.9040, 52.3249, 62.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

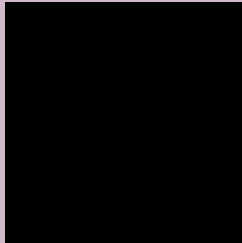
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9040, 52.3249, 62.5170

Background



This preview shows how black text looks on a background with the XYZ color 53.9040, 52.3249, 62.5170.



This preview shows how white text looks on a background with the XYZ color 53.9040, 52.3249,

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

53.9040, 52.3249, 62.5170

Protanopia

50.7984, 52.2629, 64.5371

Deuteranopia

53.5551, 52.4567, 62.5608



Tritanopia

53.7867, 52.2780, 61.8994

Trichromacy



Original Color

53.9040, 52.3249, 62.5170

Protanomaly

51.7887, 52.1486, 63.8360

Deuteranomaly

53.8336, 52.6003, 62.5739

Tritanomaly

53.7867, 52.2780, 61.8994

Monochromacy



Original Color

53.9040, 52.3249, 62.5170

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.2620, 53.4349, 60.3828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9040, 52.3249, 62.5170 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(208, 185, 201)` looks like.

```
.text, #text, p{  
    color:rgb(208, 185, 201)  
}
```

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(208, 185, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 185, 201) }
```

Border

The CSS property to change the border of an element to XYZ 53.9040, 52.3249, 62.5170 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(208, 185, 201) }
```


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

```
.border{ border-color:rgb(208, 185, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 185, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 185, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 185, 201);  
box-shadow:4px 4px 4px 4px rgb(208, 185,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9040, 52.3249, 62.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 185, 201) }
```

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

```
.background{ background-color: rgb(208,  
185, 201) }
```

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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