

Converting Colors

XYZ(55.7474, 52.9372, 55.4771)

Have a look what the booklet for
XYZ(55.7474, 52.9372, 55.4771)
contains.

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Color

**XYZ(55.6340, 52.7567,
55.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB7BD
RGB	220, 183, 189
RGB Percent	86%, 72%, 74%
CMY	0.1373, 0.2823, 0.2588
CMYK	0.00, 0.17, 0.14, 0.14
HSL	350°, 35%, 79%
HSV	350°, 17%, 86%
XYZ	55.6340, 52.7567, 55.3950
YIQ	194.7470, 20.1260, 9.7100

Conversions

Conversions Part 2

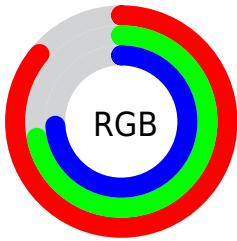
Format	Color
R _Y B	220, 183, 189
Decimal	14464957
CIE Lab	77.73, 14.24, 1.94
CIE LCh	78, 14.370, 7.775
Yxy	52.7567, 0.3397, 0.3221
Android (android.graphics.Color)	4292655037 (0xFFDCB7BD)
YUV	194.7470, -2.8333, 22.1469
Hunter-Lab	72.6338, 9.6132, 5.6255

Details

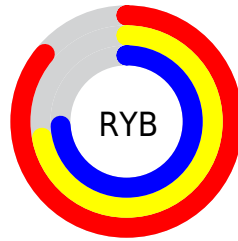
The XYZ color **55.6340, 52.7567, 55.3950** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.2613, 66.1101, 73.3640**, and the grayscale version is **51.7303, 54.4243, 59.2681**.

A 20% lighter version of the original color is **88.5879, 89.5856, 99.0089**, and **27.9436, 25.7422, 26.7885** is the 20% darker color. If you saturate the color by 10%, you get **49.5707, 43.6311, 44.1210**, and if you desaturate by 10%, it is **62.6639, 63.4073, 68.2472**.

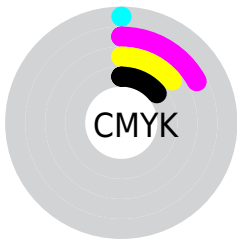
Distribution



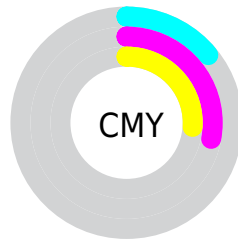
- Red (86%)
- Green (72%)
- Blue (74%)



- Red (86%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (14%)





- Cyan (14%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6340, 52.7567, 55.3950 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 55.6340, 52.7567, 55.3950 by changing the saturation by 10% instead.


 55.6340, 52.7567,
55.3950

 55.6340, 52.7567,
55.3950


398.4082,
397.3510, 424.7316

 40.1454, 37.6086,
39.3173

 97.6122, 94.2463,
99.5964

 27.8366, 25.6790,
26.6970


124.8324,
121.3565, 128.5572

 18.3424, 16.5837,
17.1153


156.6940,
153.2229, 162.6495

 11.2973, 9.9381,
10.1539

193.5621,
190.2298, 202.2917

 6.3359, 5.3579,
5.3942

235.8023,
232.7617, 247.9025

 3.0930, 2.4588,
2.4176

283.7798,

 1.2031, 0.8559,

281.2029, 299.9004

0.7960

337.8599,
335.9379, 358.7039

■ 0.1088, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6340, 52.7567,
55.3950

■ 55.6340, 52.7567,
55.3950

■ 49.5707, 43.6311,
44.1210

■ 62.6639, 63.4073,
68.2472

■ 44.4272, 35.9538,
34.3610

■ 70.6956, 75.6407,
82.7321

■ 40.1594, 29.6523,
26.0509

■ 79.7682, 89.5207,
98.9055

■ 36.7178, 24.6450,
19.1211

■ 83.3255, 93.9558,
108.3513

■ 34.0481, 20.8414,
13.4959

■ 32.0889, 18.1396,
9.0923

■ 30.7695, 16.4206,
5.8173

■ 30.0010, 15.5316,
3.5630

■ 29.8287, 15.3411,
3.0307

Harmonies

Analogous

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



55.2615, 52.7567, 63.4363



55.6340, 52.7567, 55.3950



54.4929, 52.7567, 48.5586

Triad

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



55.6340, 52.7567, 55.3950



46.9371, 52.7567, 46.1624



48.1469, 52.7567, 72.8277

Complementary

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



55.6340, 52.7567, 55.3950



57.2613, 66.1101, 73.3640

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.



46.0323, 52.7567, 67.3501



55.6340, 52.7567, 55.3950



45.3520, 52.7567, 51.8397

Square

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



55.6340, 52.7567, 55.3950



49.4233, 52.7567, 43.5588



45.0270, 52.7567, 59.5410



50.8709, 52.7567, 74.0026

Rectangle

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



55.6340, 52.7567, 55.3950



53.0513, 52.7567, 45.4308



45.0270, 52.7567, 59.5410



47.3443, 52.7567, 71.4056

Sweetspot

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



55.6355, 52.7591, 55.3961



89.4438, 91.4641, 98.7803



57.5363, 53.3078, 74.9677



18.9822, 19.3301, 20.8487



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.



55.6355, 52.7591, 55.3961



74.7501, 69.2126, 71.8831



57.6540, 57.8163, 52.9235



13.1417, 13.0858, 14.0074



17.5330, 9.0142, 1.9210



1.1630, 0.5948, 0.2671

Inverse Universe

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



55.6355, 52.7591, 55.3961



74.7501, 69.2126, 71.8831



54.9233, 60.1858, 76.4330



13.1417, 13.0858, 14.0074



17.5330, 9.0142, 1.9210



1.1630, 0.5948, 0.2671

Previews

White Background



This preview shows how the XYZ color 55.6340, 52.7567, 55.3950 looks on a white background.

Color Contrast Check

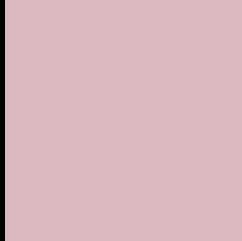
Large Text (above 18pt) WCAG AA × Fail

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 55.6340, 52.7567, 55.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

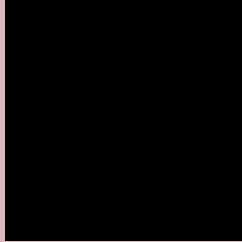
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6340, 52.7567, 55.3950

Background



This preview shows how black text looks on a background with the XYZ color 55.6340, 52.7567, 55.3950.



This preview shows how white text looks on a background with the XYZ color 55.6340, 52.7567,

55.3950.

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

55.6340, 52.7567, 55.3950

Protanopia

50.8741, 52.7587, 58.5410

Deuteranopia

53.7874, 52.7457, 54.9230



Tritanopia

56.5105, 52.8136, 59.4402

Trichromacy



Original Color

55.6340, 52.7567, 55.3950

Protanomaly

52.3995, 52.6096, 57.2621

Deuteranomaly

54.4504, 52.7758, 54.8939

Tritanomaly

56.1724, 52.6783, 57.6594

Monochromacy



Original Color

55.6340, 52.7567, 55.3950

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.1583, 53.9492, 58.0636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6340, 52.7567, 55.3950 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(220, 183, 189)` looks like.

```
.text, #text, p{  
    color:rgb(220, 183, 189)  
}
```

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(220, 183, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 183, 189) }
```

Border

The CSS property to change the border of an element to XYZ 55.6340, 52.7567, 55.3950 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(220, 183, 189) }
```


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

```
.border{ border-color:rgb(220, 183, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 183, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 183, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 183, 189);  
box-shadow:4px 4px 4px 4px rgb(220, 183,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6340, 52.7567, 55.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 183, 189) }
```

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

```
.background{ background-color: rgb(220,  
183, 189) }
```

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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