

Converting Colors

XYZ(55.2540, 51.4547, 55.9674)

Have a look what the booklet for
XYZ(55.2540, 51.4547, 55.9674)
contains.

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Color

**XYZ(55.2332, 51.3301,
55.7118)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB3BE
RGB	221, 179, 190
RGB Percent	87%, 70%, 75%
CMY	0.1333, 0.2980, 0.2549
CMYK	0.00, 0.19, 0.14, 0.13
HSL	344°, 38%, 78%
HSV	344°, 19%, 87%
XYZ	55.2332, 51.3301, 55.7118
YIQ	192.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

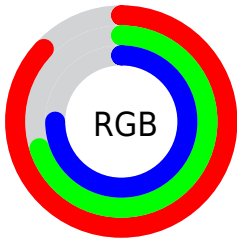
Format	Color
R _Y B	221, 179, 190
Decimal	14529470
CIE Lab	76.88, 16.91, 0.17
CIE LCh	77, 16.907, 0.577
Yxy	51.3301, 0.3404, 0.3163
Android (android.graphics.Color)	4292719550 (0xFFDDB3BE)
YUV	192.8120, -1.3863, 24.7209
Hunter-Lab	71.6450, 12.2320, 4.0471

Details

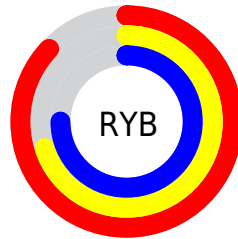
The XYZ color **55.2332, 51.3301, 55.7118** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.0818, 65.9511, 70.7501**, and the grayscale version is **50.5784, 53.2125, 57.9484**.

A 20% lighter version of the original color is **87.5829, 87.3305, 99.4291**, and **27.4933, 24.7272, 26.9907** is the 20% darker color. If you saturate the color by 10%, you get **49.4696, 42.4980, 45.4806**, and if you desaturate by 10%, it is **61.9092, 61.6663, 67.2330**.

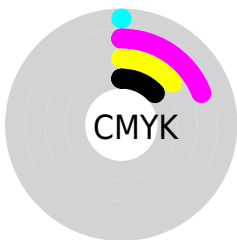
Distribution



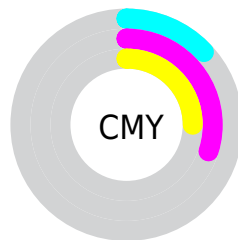
- Red (87%)
- Green (70%)
- Blue (75%)



- Red (87%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (13%)





- Cyan (13%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2332, 51.3301, 55.7118 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 55.2332, 51.3301, 55.7118 by changing the saturation by 10% instead.


 55.2332, 51.3301,
55.7118

 55.2332, 51.3301,
55.7118


396.9173,
391.8449, 425.9622

 39.8230, 36.4714,
39.5695

 97.0289, 92.1425,
100.0647

 27.5842, 24.7985,
26.8918


124.1451,
118.8650, 129.1123

 18.1513, 15.9270,
17.2602


155.8941,
150.3109, 163.2987

 11.1590, 9.4725,
10.2563

192.6411,
186.8646, 203.0425

 6.2420, 5.0506,
5.4614

234.7516,
228.9104, 248.7622

 3.0348, 2.2770,
2.4570

282.5909,

 1.1722, 0.7615,

276.8328, 300.8764

0.8172

336.5244,
331.0162, 359.8035

■ 0.0843, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2332, 51.3301,
55.7118

■ 55.2332, 51.3301,
55.7118

■ 49.4696, 42.4980,
45.4806

■ 61.9092, 61.6663,
67.2330

■ 44.5737, 35.0931,
36.4904

■ 69.5309, 73.5652,
80.0844

■ 40.5036, 29.0417,
28.6938

■ 78.1354, 87.0908,
94.3083

■ 37.2120, 24.2613,
22.0391

■ 83.6291, 94.1123,
108.3655

■ 34.6468, 20.6598,
16.4703

■ 32.7490, 18.1329,
11.9267

■ 31.4498, 16.5573,
8.3406

■ 30.6453, 15.7411,
5.6282

■ 30.5794, 15.6764,
5.3992

Harmonies

Analogous

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



54.3720, 51.3301, 65.0450



55.2332, 51.3301, 55.7118



54.3052, 51.3301, 47.3598

Triad

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



55.2332, 51.3301, 55.7118



45.7105, 51.3301, 41.9924



45.8138, 51.3301, 72.7700

Complementary

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



55.2332, 51.3301, 55.7118



56.0818, 65.9511, 70.7501

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.



43.6572, 51.3301, 65.3870



55.2332, 51.3301, 55.7118



43.5995, 51.3301, 47.6366

Square

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



55.2332, 51.3301, 55.7118



48.7255, 51.3301, 39.9914



42.8643, 51.3301, 56.0681



48.8499, 51.3301, 75.5256

Rectangle

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



55.2332, 51.3301, 55.7118



52.8192, 51.3301, 43.3002



42.8643, 51.3301, 56.0681



44.9668, 51.3301, 70.7098

Sweetspot

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



55.2346, 51.3324, 55.7129



88.5964, 89.9175, 98.0404



55.6945, 51.1355, 75.3420



18.8192, 19.0215, 20.7405



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.



55.2346, 51.3324, 55.7129



72.9056, 65.6366, 70.9201



56.1118, 54.9383, 50.2974



13.1953, 13.1072, 14.2897



17.8036, 9.1225, 3.3459



1.1887, 0.6051, 0.4026

Inverse Universe

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



55.2346, 51.3324, 55.7129



72.9056, 65.6366, 70.9201



54.9874, 61.4938, 77.3786



13.1953, 13.1072, 14.2897



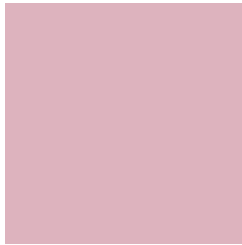
17.8036, 9.1225, 3.3459



1.1887, 0.6051, 0.4026

Previews

White Background



This preview shows how the XYZ color 55.2332, 51.3301, 55.7118 looks on a white background.

Color Contrast Check

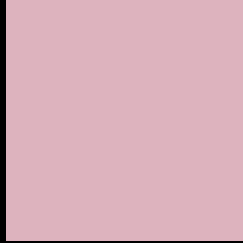
Large Text (above 18pt) WCAG AA × Fail

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 55.2332, 51.3301, 55.7118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

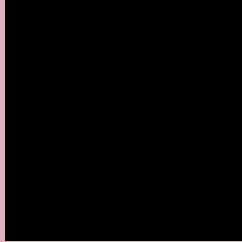
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2332, 51.3301, 55.7118

Background



This preview shows how black text looks on a background with the XYZ color 55.2332, 51.3301, 55.7118.



This preview shows how white text looks on a background with the XYZ color 55.2332, 51.3301,

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

55.2332, 51.3301, 55.7118

Protanopia

49.8996, 51.5872, 59.5519

Deuteranopia

52.6203, 51.5104, 55.3132



Tritanopia

55.4533, 51.4181, 56.8712

Trichromacy



Original Color

55.2332, 51.3301, 55.7118

Protanomaly

51.7152, 51.2895, 58.2131

Deuteranomaly

53.3538, 51.2762, 55.2293

Tritanomaly

55.3429, 51.3739, 56.2895

Monochromacy



Original Color

55.2332, 51.3301, 55.7118

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.1262, 52.4687, 57.2493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2332, 51.3301, 55.7118 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(221, 179, 190)` looks like.

```
.text, #text, p{  
    color:rgb(221, 179, 190)  
}
```

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(221, 179, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 179, 190) }
```

Border

The CSS property to change the border of an element to XYZ 55.2332, 51.3301, 55.7118 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(221, 179, 190) }
```


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

```
.border{ border-color:rgb(221, 179, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 179, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 179, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 179, 190);  
box-shadow:4px 4px 4px 4px rgb(221, 179,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2332, 51.3301, 55.7118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 179, 190) }
```

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

```
.background{ background-color: rgb(221,  
179, 190) }
```

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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