

Converting Colors

XYZ(55.3283, 52.7344, 50.9915)

Have a look what the booklet for
XYZ(55.3283, 52.7344, 50.9915)
contains.

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Color

**XYZ(55.3982, 52.7328,
50.9747)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB7B5
RGB	222, 183, 181
RGB Percent	87%, 72%, 71%
CMY	0.1294, 0.2823, 0.2902
CMYK	0.00, 0.18, 0.18, 0.13
HSL	3°, 38%, 79%
HSV	3°, 18%, 87%
XYZ	55.3982, 52.7328, 50.9747
YIQ	194.4330, 23.8860, 7.6460

Conversions

Conversions Part 2

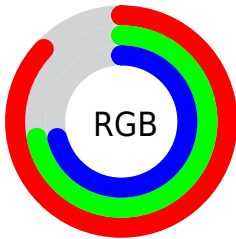
Format	Color
R _Y B	222, 183, 181
Decimal	14596021
CIE Lab	77.72, 13.71, 6.28
CIE LCh	78, 15.079, 24.631
Yxy	52.7328, 0.3482, 0.3314
Android (android.graphics.Color)	4292786101 (0xFFDEB7B5)
YUV	194.4330, -6.6225, 24.1763
Hunter-Lab	72.6174, 9.0934, 9.2128

Details

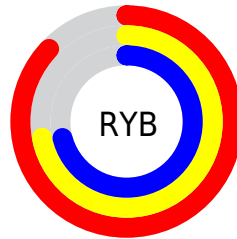
The XYZ color **55.3982, 52.7328, 50.9747** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.8335, 66.2824, 78.8533**, and the grayscale version is **51.5641, 54.2494, 59.0776**.

A 20% lighter version of the original color is **87.3926, 89.1074, 92.7141**, and **27.6048, 25.6308, 23.9144** is the 20% darker color. If you saturate the color by 10%, you get **49.2662, 43.8282, 38.5736**, and if you desaturate by 10%, it is **62.5494, 63.0941, 65.5075**.

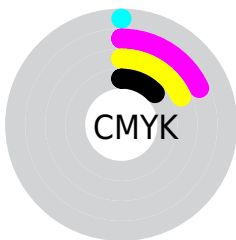
Distribution



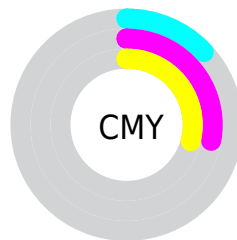
- Red (87%)
- Green (72%)
- Blue (71%)



- Red (87%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3982, 52.7328, 50.9747 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 55.3982, 52.7328, 50.9747 by changing the saturation by 10% instead.


 55.3982, 52.7328,
50.9747

 55.3982, 52.7328,
50.9747


397.5315,
397.2591, 407.3092

 39.9557, 37.5895,
35.8119


 97.2691, 94.2111,
93.0285

 27.6881, 25.6642,
24.0004


124.4282,
121.3148, 120.7566

 18.2299, 16.5726,
15.1217


156.2235,
153.1742, 153.5101

 11.2159, 9.9303,
8.7573

193.0205,
190.1736, 191.7077

 6.2806, 5.3527,
4.4886

235.1844,
232.6974, 235.7679

 3.0587, 2.4557,
1.8970

283.0806,

 1.1849, 0.8543,

281.1300, 286.1091

0.4908

337.0746,
335.8558, 343.1501

■ 0.0944, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3982, 52.7328,
50.9747

■ 55.3982, 52.7328,
50.9747

■ 49.2662, 43.8282,
38.5736

■ 62.5494, 63.0941,
65.5075

■ 44.1030, 36.3081,
28.2009

■ 70.7587, 74.9656,
82.2621

■ 39.8603, 30.1053,
19.7496

■ 80.0682, 88.4070,
101.3274

■ 36.4839, 25.1438,
13.1017

■ 83.9344, 94.2697,
108.3798

■ 33.9141, 21.3402,
8.1261

■ 32.0834, 18.6006,
4.6741

■ 30.9134, 16.8165,
2.5706

■ 30.3012, 15.8536,
1.5606

■ 30.2424, 15.7657,
1.4491

Harmonies

Analogous

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



55.9195, 52.7328, 58.9344



55.3982, 52.7328, 50.9747



53.4406, 52.7328, 45.2812

Triad

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



55.3982, 52.7328, 50.9747



45.6819, 52.7328, 48.6058



49.5976, 52.7328, 74.9545

Complementary

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



55.3982, 52.7328, 50.9747



57.8335, 66.2824, 78.8533

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.



46.9417, 52.7328, 71.5480



55.3982, 52.7328, 50.9747



44.7378, 52.7328, 55.9260

Square

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



55.3982, 52.7328, 50.9747



47.8179, 52.7328, 44.0093



45.1899, 52.7328, 64.3806



52.4968, 52.7328, 73.3039

Rectangle

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



55.3982, 52.7328, 50.9747



51.6233, 52.7328, 43.2700



45.1899, 52.7328, 64.3806



48.6480, 52.7328, 74.3537

Sweetspot

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



55.3996, 52.7352, 50.9758



88.2157, 90.1177, 94.9496



59.6510, 53.7789, 75.3877



18.7295, 19.0686, 20.0127



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.



55.3996, 52.7352, 50.9758



72.5739, 67.4523, 63.1665



59.7897, 61.5153, 52.4392



13.7607, 13.8074, 14.2466



17.9865, 9.4110, 0.8685



1.2660, 0.6908, 0.0666

Inverse Universe

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



57.8335, 66.2824, 78.8533



76.4680, 89.1312, 107.7815



52.9267, 56.4687, 77.2177



14.0562, 15.4514, 17.6293



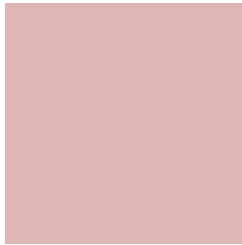
21.7143, 30.8981, 45.8678



1.5230, 2.1775, 3.1853

Previews

White Background



This preview shows how the XYZ color 55.3982, 52.7328, 50.9747 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 55.3982, 52.7328, 50.9747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

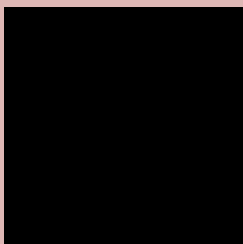
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3982, 52.7328, 50.9747

Background



This preview shows how black text looks on a background with the XYZ color 55.3982, 52.7328, 50.9747.



This preview shows how white text looks on a background with the XYZ color 55.3982, 52.7328,

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

55.3982, 52.7328, 50.9747

Protanopia

50.5197, 52.6771, 53.9594

Deuteranopia

53.8215, 52.8602, 50.5464



Tritanopia

57.1147, 52.8352, 58.8177

Trichromacy



Original Color

55.3982, 52.7328, 50.9747

Protanomaly

52.0885, 52.5489, 52.7450

Deuteranomaly

54.5006, 52.8986, 50.5180

Tritanomaly

56.4536, 52.8616, 55.9431

Monochromacy



Original Color

55.3982, 52.7328, 50.9747

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.5006, 53.3384, 55.6724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3982, 52.7328, 50.9747 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(222, 183, 181)` looks like.

```
.text, #text, p{  
    color:rgb(222, 183, 181)  
}
```

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(222, 183, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 183, 181) }
```

Border

The CSS property to change the border of an element to XYZ 55.3982, 52.7328, 50.9747 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(222, 183, 181) }
```


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

```
.border{ border-color:rgb(222, 183, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 183, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 183, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 183, 181);  
box-shadow:4px 4px 4px 4px rgb(222, 183,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3982, 52.7328, 50.9747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 183, 181) }
```

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

```
.background{ background-color: rgb(222,  
183, 181) }
```

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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