

Converting Colors

XYZ(54.5640, 56.9081, 47.1383)

Have a look what the booklet for
XYZ(54.5640, 56.9081, 47.1383)
contains.

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Color

**XYZ(54.5640, 56.9081,
47.1383)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C5AC
RGB	212, 197, 172
RGB Percent	83%, 77%, 67%
CMY	0.1686, 0.2274, 0.3255
CMYK	0.00, 0.07, 0.19, 0.17
HSL	38°, 32%, 75%
HSV	38°, 19%, 83%
XYZ	54.5640, 56.9081, 47.1383
YIQ	198.6350, 16.9650, -4.5950

Conversions

Conversions Part 2

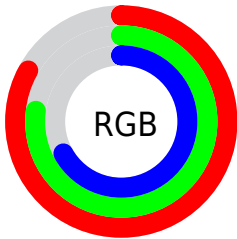
Format	Color
RYB	196, 212, 172
Decimal	13944236
CIELab	80.13, 1.21, 14.44
CIELCh	80, 14.490, 85.217
Yxy	56.9081, 0.3440, 0.3588
Android (android.graphics.Color)	4292134316 (0xFFD4C5AC)
YUV	198.6350, -13.1311, 11.7211
Hunter-Lab	75.4375, -2.9063, 15.7579

Details

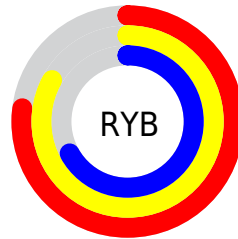
The XYZ color **54.5640, 56.9081, 47.1383** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.6670, 49.0636, 69.2983**, and the grayscale version is **54.1347, 56.9540, 62.0229**.

A 20% lighter version of the original color is **90.5469, 97.6897, 86.7567**, and **27.1173, 28.1691, 21.7772** is the 20% darker color. If you saturate the color by 10%, you get **50.9313, 52.6450, 36.6709**, and if you desaturate by 10%, it is **58.6198, 61.4965, 59.3506**.

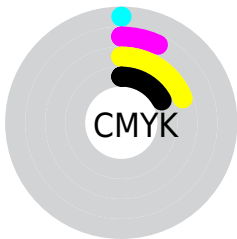
Distribution



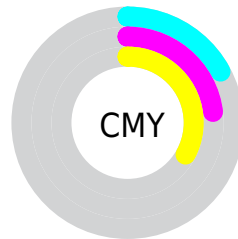
- Red (83%)
- Green (77%)
- Blue (67%)



- Red (77%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (17%)





- Cyan (17%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5640, 56.9081, 47.1383 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 54.5640, 56.9081, 47.1383 by changing the saturation by 10% instead.


 54.5640, 56.9081,
47.1383

 54.5640, 56.9081,
47.1383


394.4204,
413.1049, 391.7760

 39.2852, 40.9315,
32.7899


 96.0539, 100.3311,
87.2722

 27.1634, 28.2655,
21.6957


122.9957,
128.5462, 113.8947

 17.8332, 18.5259,
13.4373

154.5560,
161.6096, 145.4456

 10.9293, 11.3282,
7.5961

191.0999,
199.9057, 182.3436

 6.0862, 6.2881,
3.7536

232.9930,
243.8189, 225.0071

 2.9387, 3.0210,
1.4912

280.6005,

 1.1215, 1.1427,

293.7336, 273.8546

0.2113

334.2879,
350.0341, 329.3047

■ 0.0430, 0.0142,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5640, 56.9081,
47.1383

■ 54.5640, 56.9081,
47.1383

■ 50.9313, 52.6450,
36.6709

■ 58.6198, 61.4965,
59.3506

■ 47.7003, 48.6906,
27.8633

■ 63.1098, 66.4113,
73.3801

■ 44.8544, 45.0378,
20.6287

■ 68.0505, 71.6630,
89.2996

■ 42.3739, 41.6762,
14.8710

■ 73.1644, 77.1430,
105.6416

■ 40.2371, 38.5948,
10.4833

■ 75.4116, 81.6372,
106.3907

■ 38.4193, 35.7810,
7.3441

■ 77.7607, 86.3354,
107.1737

■ 36.8920, 33.2209,
5.3104

■ 80.2130, 91.2401,
107.9912

■ 35.6103, 30.8937,
4.1552

■ 80.9615, 92.7371,
108.2407

■ 35.4739, 30.6420,
4.0448

Harmonies

Analogous

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



57.3916, 56.9081, 49.5511



54.5640, 56.9081, 47.1383



51.7077, 56.9081, 48.3927

Triad

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



54.5640, 56.9081, 47.1383



49.1164, 56.9081, 69.1482



58.8852, 56.9081, 71.7043

Complementary

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



54.5640, 56.9081, 47.1383



46.6670, 49.0636, 69.2983

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.



56.5433, 56.9081, 77.8596



54.5640, 56.9081, 47.1383



50.9164, 56.9081, 76.2922

Square

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



54.5640, 56.9081, 47.1383



48.6294, 56.9081, 60.6180



53.6176, 56.9081, 79.6100



59.9436, 56.9081, 63.3283

Rectangle

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



54.5640, 56.9081, 47.1383



50.1609, 56.9081, 51.2058



53.6176, 56.9081, 79.6100



58.2179, 56.9081, 74.1307

Sweetspot

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



54.5655, 56.9106, 47.1395



90.8810, 95.4482, 95.8380



50.9099, 47.1050, 53.6106



19.3583, 20.3262, 20.2223



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.



54.5655, 56.9106, 47.1395



80.3862, 83.5465, 64.3229



56.8157, 63.3794, 48.2695



13.0635, 13.7011, 13.1168



21.9988, 19.1148, 2.5301



1.4052, 1.3096, 0.1787

Inverse Universe

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



46.6670, 49.0636, 69.2983



66.0651, 69.3207, 104.5060



44.6925, 43.5674, 68.3415



12.1202, 12.7639, 15.7624



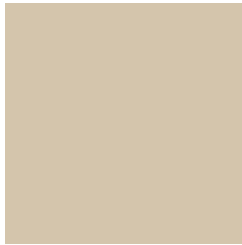
9.1726, 6.6070, 39.2450



0.6315, 0.5551, 2.3932

Previews

White Background



This preview shows how the XYZ color 54.5640, 56.9081, 47.1383 looks on a white background.

Color Contrast Check

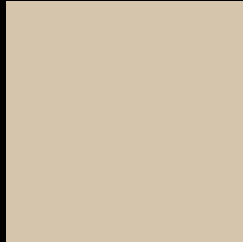
Large Text (above 18pt) WCAG AA × Fail

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 54.5640, 56.9081, 47.1383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

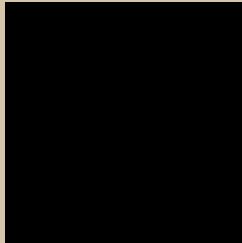
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5640, 56.9081, 47.1383

Background



This preview shows how black text looks on a background with the XYZ color 54.5640, 56.9081, 47.1383.



This preview shows how white text looks on a background with the XYZ color 54.5640, 56.9081,

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

54.5640, 56.9081, 47.1383

Protanopia

53.7493, 56.8152, 47.6687

Deuteranopia

57.8522, 56.6096, 47.4128



Tritanopia

58.7274, 56.9560, 66.9298

Trichromacy



Original Color

54.5640, 56.9081, 47.1383

Protanomaly

54.0314, 56.9606, 47.6819

Deuteranomaly

56.7370, 56.6867, 47.4864

Tritanomaly

57.0537, 56.9257, 59.0196

Monochromacy



Original Color

54.5640, 56.9081, 47.1383

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.2812, 56.8997, 56.2659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5640, 56.9081, 47.1383 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, 197, 172)` looks like.

```
.text, #text, p{  
    color:rgb(212, 197, 172)  
}
```

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, 197, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 197, 172) }
```

Border

The CSS property to change the border of an element to XYZ 54.5640, 56.9081, 47.1383 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, 197, 172) }
```


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

```
.border{ border-color:rgb(212, 197, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 197, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 197, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 197, 172);  
box-shadow:4px 4px 4px 4px rgb(212, 197,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5640, 56.9081, 47.1383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 197, 172) }
```

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

```
.background{ background-color: rgb(212,  
197, 172) }
```

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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