

Converting Colors

XYZ(55.7036, 56.8803, 44.6023)

Have a look what the booklet for
XYZ(55.7036, 56.8803, 44.6023)
contains.

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Color

**XYZ(55.7036, 56.8803,
44.6023)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC3A7
RGB	219, 195, 167
RGB Percent	86%, 76%, 65%
CMY	0.1412, 0.2353, 0.3451
CMYK	0.00, 0.11, 0.24, 0.14
HSL	32°, 42%, 76%
HSV	32°, 24%, 86%
XYZ	55.7036, 56.8803, 44.6023
YIQ	198.9840, 23.2920, -3.6200

Conversions

Conversions Part 2

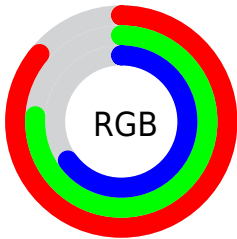
Format	Color
R _Y B	212, 219, 167
Decimal	14402471
CIE Lab	80.11, 4.15, 17.18
CIE LCh	80, 17.670, 76.420
Yxy	56.8803, 0.3544, 0.3619
Android (android.graphics.Color)	4292592551 (0xFFDBC3A7)
YUV	198.9840, -15.7681, 17.5540
Hunter-Lab	75.4190, -0.1453, 17.7296

Details

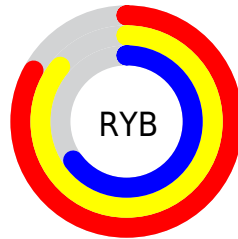
The XYZ color **55.7036, 56.8803, 44.6023** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.3530, 50.5903, 74.2874**, and the grayscale version is **54.3610, 57.1920, 62.2821**.

A 20% lighter version of the original color is **89.2352, 96.1547, 82.9638**, and **27.7236, 28.0741, 20.1773** is the 20% darker color. If you saturate the color by 10%, you get **51.6602, 51.7635, 34.0977**, and if you desaturate by 10%, it is **60.2462, 62.4459, 56.9661**.

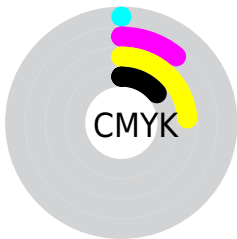
Distribution



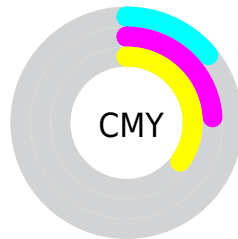
- Red (86%)
- Green (76%)
- Blue (65%)



- Red (83%)
- Yellow (86%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (14%)





- Cyan (14%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7036, 56.8803, 44.6023 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 55.7036, 56.8803, 44.6023 by changing the saturation by 10% instead.


 55.7036, 56.8803,
44.6023


 55.7036, 56.8803,
44.6023


398.6667,
413.0006, 381.2735

 40.2014, 40.9091,
30.8036


 97.7134, 100.2905,
83.4354

 27.8805, 28.2481,
20.1921

 124.9517,
128.4984, 109.3069

 18.3756, 18.5128,
12.3493


156.8328,
161.5539, 140.0398

 11.3213, 11.3187,
6.8566

193.7219,
199.8415, 176.0526

 6.3523, 6.2817,
3.2955

235.9845,
243.7456, 217.7638

 3.1031, 3.0171,
1.2474

283.9860,

 1.2085, 1.1407,

293.6505, 265.5920

0.0181

338.0916,
349.9407, 319.9557

■ 0.1131, 0.0124,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7036, 56.8803,
44.6023

■ 55.7036, 56.8803,
44.6023

■ 51.6602, 51.7635,
34.0977

■ 60.2462, 62.4459,
56.9661

■ 48.0912, 47.0750,
25.3568

■ 65.3024, 68.4649,
71.2710

■ 44.9762, 42.8034,
18.2809

■ 70.8916, 74.9516,
87.5983

■ 42.2914, 38.9343,
12.7600

■ 77.0308, 81.9171,
106.0236

■ 40.0102, 35.4516,
8.6709

■ 80.0780, 87.9090,
107.3553

■ 38.1023, 32.3378,
5.8709

■ 83.0236, 93.8002,
108.3372

■ 36.5317, 29.5727,
4.1876

■ 35.6852, 28.0033,
3.5244

Harmonies

Analogous

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



58.9734, 56.8803, 48.6612



55.7036, 56.8803, 44.6023



52.1310, 56.8803, 44.8068

Triad

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



55.7036, 56.8803, 44.6023



47.6953, 56.8803, 67.7038



59.2307, 56.8803, 76.6189

Complementary

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



55.7036, 56.8803, 44.6023



47.3530, 50.5903, 74.2874

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.



56.0422, 56.8803, 82.9465



55.7036, 56.8803, 44.6023



49.4331, 56.8803, 77.4219

Square

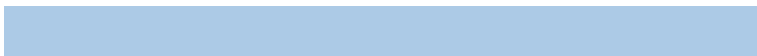
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.7036, 56.8803, 44.6023



47.6137, 56.8803, 57.3967



52.4550, 56.8803, 83.2557



61.0699, 56.8803, 66.7022

Rectangle

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



55.7036, 56.8803, 44.6023



50.0591, 56.8803, 47.3196



52.4550, 56.8803, 83.2557



58.2749, 56.8803, 79.2821

Sweetspot

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



55.7051, 56.8829, 44.6035



89.7363, 93.7599, 93.6036



52.4661, 46.4715, 55.6495



19.1129, 19.9566, 19.7669



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.



55.7051, 56.8829, 44.6035



75.9850, 76.9742, 55.9805



61.0016, 68.2461, 46.5177



13.6340, 14.2073, 13.7493



21.2703, 16.8262, 2.1267



1.4639, 1.2618, 0.1664

Inverse Universe

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



47.3530, 50.5903, 74.2874



62.4179, 66.7539, 104.2028



42.9106, 41.1582, 72.7009



12.8314, 13.6025, 16.6014



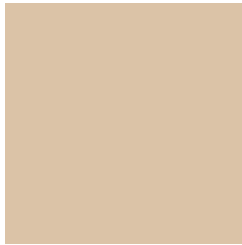
10.4514, 8.7723, 40.8808



0.7627, 0.7395, 2.6770

Previews

White Background



This preview shows how the XYZ color 55.7036, 56.8803, 44.6023 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 55.7036, 56.8803, 44.6023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

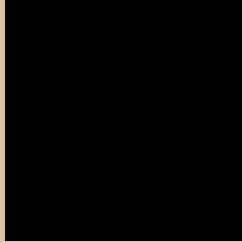
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7036, 56.8803, 44.6023

Background



This preview shows how black text looks on a background with the XYZ color 55.7036, 56.8803, 44.6023.



This preview shows how white text looks on a background with the XYZ color 55.7036, 56.8803,

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

55.7036, 56.8803, 44.6023

Protanopia

53.6500, 56.8080, 45.6735

Deuteranopia

58.0118, 56.7468, 44.9415



Tritanopia

60.0530, 57.0338, 64.9702

Trichromacy



Original Color

55.7036, 56.8803, 44.6023

Protanomaly

54.4747, 56.9058, 45.1586

Deuteranomaly

56.9689, 56.5340, 44.9554

Tritanomaly

58.3778, 56.9905, 57.2136

Monochromacy



Original Color

55.7036, 56.8803, 44.6023

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.6173, 57.0978, 55.1561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7036, 56.8803, 44.6023 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(219, 195, 167)` looks like.

```
.text, #text, p{  
    color:rgb(219, 195, 167)  
}
```

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(219, 195, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 195, 167) }
```

Border

The CSS property to change the border of an element to XYZ 55.7036, 56.8803, 44.6023 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(219, 195, 167) }
```


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

```
.border{ border-color:rgb(219, 195, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 195, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 195, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 195, 167);  
box-shadow:4px 4px 4px 4px rgb(219, 195,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7036, 56.8803, 44.6023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 195, 167) }
```

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

```
.background{ background-color: rgb(219,  
195, 167) }
```

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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