

Converting Colors

XYZ(52.1109, 55.2393, 45.3863)

Have a look what the booklet for
XYZ(52.1109, 55.2393, 45.3863)
contains.

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Color

**XYZ(52.0782, 55.3236,
45.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC4A9
RGB	205, 196, 169
RGB Percent	80%, 77%, 66%
CMY	0.1961, 0.2314, 0.3372
CMYK	0.00, 0.04, 0.18, 0.20
HSL	45°, 26%, 73%
HSV	45°, 18%, 80%
XYZ	52.0782, 55.3236, 45.4698
YIQ	195.6130, 14.0310, -6.4890

Conversions

Conversions Part 2

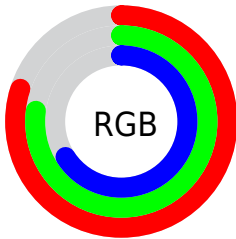
Format	Color
RYB	181, 205, 169
Decimal	13485225
CIELab	79.23, -1.32, 14.69
CIElCh	79, 14.752, 95.129
Yxy	55.3236, 0.3407, 0.3619
Android (android.graphics.Color)	4291675305 (0xFFCDC4A9)
YUV	195.6130, -13.1202, 8.2324
Hunter-Lab	74.3798, -5.1852, 15.8208

Details

The XYZ color **52.0782, 55.3236, 45.4698** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.3018, 44.6825, 64.1003**, and the grayscale version is **52.3090, 55.0331, 59.9311**.

A 20% lighter version of the original color is **89.8198, 96.8924, 84.4891**, and **25.6464, 27.2097, 20.7299** is the 20% darker color. If you saturate the color by 10%, you get **49.1673, 52.3437, 35.7375**, and if you desaturate by 10%, it is **55.3333, 58.5080, 56.8069**.

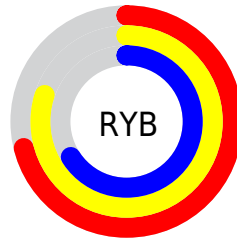
Distribution



Red (80%)

Green (77%)

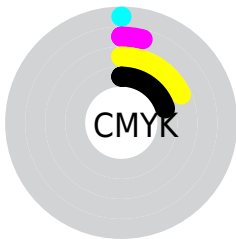
Blue (66%)



Red (71%)

Yellow (80%)

Blue (66%)

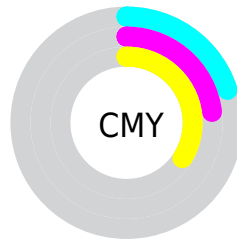


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (20%)



Cyan (20%)

Magenta (23%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0782, 55.3236, 45.4698 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 52.0782, 55.3236, 45.4698 by changing the saturation by 10% instead.

■ 52.0782, 55.3236,
45.4698

■ 52.0782, 55.3236,
45.4698

385.0574,
407.1374, 384.8884

■ 37.2919, 39.6609,
31.4820

■ 92.4201, 98.0149,
84.7509

■ 25.6083, 27.2742,
20.7046

118.7064,
125.8123, 110.8812

■ 16.6620, 17.7793,
12.7191

149.5569,
158.4233, 141.8961

■ 10.0876, 10.7916,
7.1070

185.3367,
196.2324, 178.2141

■ 5.5198, 5.9269,
3.4496

226.4113,
239.6240, 220.2539

■ 2.5932, 2.8007,
1.3286

273.1461,

■ 0.9425, 1.0286,

288.9824, 268.4338

0.0850

325.9063,
344.6921, 323.1725

■ 0.0000, 0.0000,
0.0000

■ 52.0782, 55.3236,
45.4698

■ 52.0782, 55.3236,
45.4698

■ 49.1673, 52.3437,
35.7375

■ 55.3333, 58.5080,
56.8069

■ 46.5818, 49.5546,
27.5324

■ 58.9417, 61.8956,
69.8143

■ 44.3076, 46.9519,
20.7760

■ 62.9175, 65.4946,
84.5584

■ 42.3278, 44.5283,
15.3810

■ 67.2728, 69.3102,
101.1008

■ 40.6237, 42.2754,
11.2510

■ 69.2468, 72.2389,
104.9015

■ 39.1741, 40.1843,
8.2765

■ 70.6251, 74.9954,
105.3610

■ 37.9544, 38.2445,
6.3298

■ 72.0450, 77.8352,
105.8343

■ 36.9299, 36.4413,
5.2311

■ 73.5069, 80.7590,
106.3216

■ 36.6956, 36.0164,
5.0178

■ 75.0112, 83.7676,
106.8230

Harmonies

Analogous

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



55.0042, 55.3236, 46.6748



52.0782, 55.3236, 45.4698



49.3880, 55.3236, 47.9101

Triad

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



52.0782, 55.3236, 45.4698



48.0815, 55.3236, 70.0726



57.8968, 55.3236, 67.3284

Complementary

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



52.0782, 55.3236, 45.4698



43.3018, 44.6825, 64.1003

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.



55.9138, 55.3236, 74.5176



52.0782, 55.3236, 45.4698



50.2348, 55.3236, 76.2029

Square

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



52.0782, 55.3236, 45.4698



47.1362, 55.3236, 61.7013



53.0919, 55.3236, 77.9007



58.4349, 55.3236, 58.7980

Rectangle

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



52.0782, 55.3236, 45.4698



48.0677, 55.3236, 51.4233



53.0919, 55.3236, 77.9007



57.3735, 55.3236, 70.0064

Sweetspot

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



52.0797, 55.3261, 45.4710



92.0566, 97.1899, 98.1090



47.4013, 44.5701, 48.2247



19.6165, 20.7196, 20.6870



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.



52.0797, 55.3261, 45.4710



83.4745, 88.7760, 68.2722



51.7582, 58.2634, 46.0549



11.9072, 12.6034, 11.8846



22.9230, 22.5789, 3.1500



1.2404, 1.2806, 0.1818

Inverse Universe

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



43.3018, 44.6825, 64.1003



66.5160, 68.2148, 104.2687



43.5682, 42.2494, 63.6166



10.8257, 11.2919, 14.1794



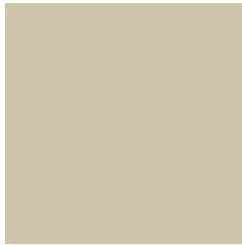
7.6675, 4.3589, 36.3935



0.4576, 0.3490, 1.8982

Previews

White Background



This preview shows how the XYZ color 52.0782, 55.3236, 45.4698 looks on a white background.

Color Contrast Check

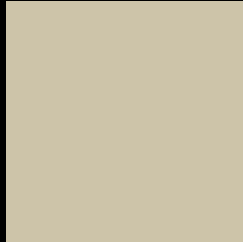
Large Text (above 18pt) WCAG AA × Fail

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 52.0782, 55.3236, 45.4698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

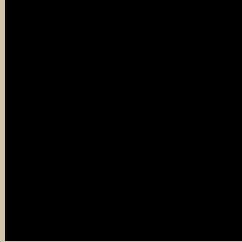
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

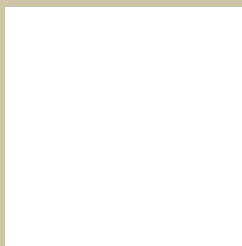
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0782, 55.3236, 45.4698

Background



This preview shows how black text looks on a background with the XYZ color 52.0782, 55.3236, 45.4698.



This preview shows how white text looks on a background with the XYZ color 52.0782, 55.3236,

45.4698.

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

52.0782, 55.3236, 45.4698

Protanopia

52.3550, 55.4662, 45.4828

Deuteranopia

56.1938, 55.1448, 45.7125



Tritanopia

56.3497, 55.4195, 66.1196

Trichromacy



Original Color

52.0782, 55.3236, 45.4698

Protanomaly

52.3550, 55.4662, 45.4828

Deuteranomaly

54.7206, 55.3533, 45.8304

Tritanomaly

54.7080, 55.4001, 58.2619

Monochromacy



Original Color

52.0782, 55.3236, 45.4698

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.1560, 55.1671, 54.3538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0782, 55.3236, 45.4698 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(205, 196, 169) looks like.

```
.text, #text, p{  
    color:rgb(205, 196, 169)  
}
```

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(205, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 196, 169) }
```

Border

The CSS property to change the border of an element to XYZ 52.0782, 55.3236, 45.4698 is called "border". The border property can be set on classes, ids or directly on the HTML element.

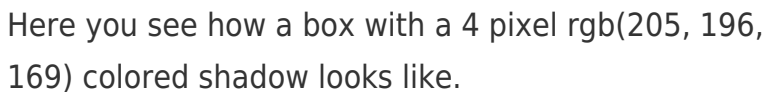
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 196, 169) }
```


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

```
.border{ border-color:rgb(205, 196, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 196, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 196, 169);  
box-shadow:4px 4px 4px 4px rgb(205, 196,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0782, 55.3236, 45.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 196, 169) }
```

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

```
.background{ background-color: rgb(205,  
196, 169) }
```

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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