

Converting Colors

XYZ(53.0036, 55.9510, 44.9080)

Have a look what the booklet for
XYZ(53.0036, 55.9510, 44.9080)
contains.

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Color

**XYZ(52.8202, 55.7169,
45.0163)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C4A8
RGB	208, 196, 168
RGB Percent	82%, 77%, 66%
CMY	0.1843, 0.2314, 0.3412
CMYK	0.00, 0.06, 0.19, 0.18
HSL	42°, 30%, 74%
HSV	42°, 19%, 82%
XYZ	52.8202, 55.7169, 45.0163
YIQ	196.3960, 16.1400, -6.1640

Conversions

Conversions Part 2

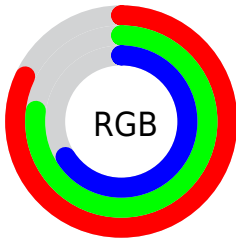
Format	Color
RYB	185, 208, 168
Decimal	13681832
CIELab	79.45, -0.36, 15.58
CIELCh	79, 15.584, 91.306
Yxy	55.7169, 0.3440, 0.3629
Android (android.graphics.Color)	4291871912 (0xFFD0C4A8)
YUV	196.3960, -13.9992, 10.1767
Hunter-Lab	74.6438, -4.3145, 16.4939

Details

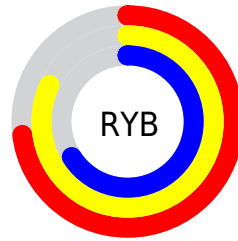
The XYZ color **52.8202, 55.7169, 45.0163** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.8546, 45.5203, 66.1497**, and the grayscale version is **52.7830, 55.5319, 60.4742**.

A 20% lighter version of the original color is **89.6846, 96.8383, 83.7768**, and **25.9623, 27.3793, 20.4394** is the 20% darker color. If you saturate the color by 10%, you get **49.6580, 52.2492, 35.1546**, and if you desaturate by 10%, it is **56.3539, 59.4306, 56.5324**.

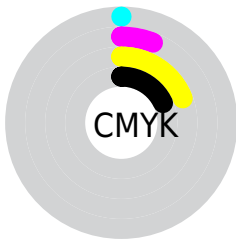
Distribution



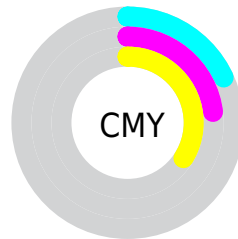
- Red (82%)
- Green (77%)
- Blue (66%)



- Red (73%)
- Yellow (82%)
- Blue (66%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (18%)





- Cyan (18%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8202, 55.7169, 45.0163 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 52.8202, 55.7169, 45.0163 by changing the saturation by 10% instead.


 52.8202, 55.7169,
45.0163


 52.8202, 55.7169,
45.0163


387.8671,
408.6237, 383.0016

 37.8862, 39.9760,
31.1272


 93.5068, 98.5905,
84.0636

 26.0712, 27.5198,
20.4365


 119.9901,
126.4920, 110.0589

 17.0098, 17.9640,
12.5255


151.0539,
159.2159, 140.9266

 10.3369, 10.9242,
6.9758

187.0635,
197.1464, 177.0854

 5.6868, 6.0159,
3.3687

228.3842,
240.6681, 218.9538

 2.6945, 2.8547,
1.2859

275.3815,

 0.9943, 1.0564,

290.1653, 266.9502

0.0502

328.4207,
346.0224, 321.4933

■ 0.0000, 0.0000,
0.0000

■ 52.8202, 55.7169,
45.0163

■ 52.8202, 55.7169,
45.0163

■ 49.6580, 52.2492,
35.1546

■ 56.3539, 59.4306,
56.5324

■ 46.8474, 49.0127,
26.8660

■ 60.2691, 63.3897,
69.7718

■ 44.3733, 46.0021,
20.0678

■ 64.5807, 67.6033,
84.8040

■ 42.2176, 43.2091,
14.6681

■ 69.3018, 72.0774,
101.6934

■ 40.3601, 40.6244,
10.5648

■ 71.5846, 75.6741,
105.4414

■ 38.7782, 38.2376,
7.6417

■ 73.3237, 79.1523,
106.0211

■ 37.4450, 36.0369,
5.7618

■ 75.1253, 82.7554,
106.6216

■ 36.3162, 34.0032,
4.6952

■ 76.9899, 86.4848,
107.2432

■ 36.2335, 33.8519,
4.6243

■ 78.9183, 90.3415,
107.8860

Harmonies

Analogous

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



55.8994, 55.7169, 46.7696



52.8202, 55.7169, 45.0163



49.8916, 55.7169, 47.1006

Triad

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



52.8202, 55.7169, 45.0163



47.9804, 55.7169, 70.0690



58.4132, 55.7169, 69.3227

Complementary

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



52.8202, 55.7169, 45.0163



43.8546, 45.5203, 66.1497

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.



56.1460, 55.7169, 76.6145



52.8202, 55.7169, 45.0163



50.1202, 55.7169, 77.0744

Square

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



52.8202, 55.7169, 45.0163



47.1661, 55.7169, 61.0599



53.0945, 55.7169, 79.5784



59.2040, 55.7169, 60.2743

Rectangle

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



52.8202, 55.7169, 45.0163



48.3980, 55.7169, 50.5174



53.0945, 55.7169, 79.5784



57.7942, 55.7169, 72.0907

Sweetspot

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



52.8217, 55.7194, 45.0175



91.2373, 96.1608, 95.9568



48.2538, 44.7111, 49.2675



19.4426, 20.4948, 20.2504



0.0000, 0.0000, 0.0000



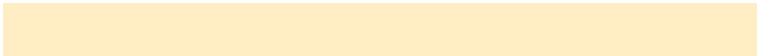
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.8217, 55.7194, 45.0175



81.6472, 86.0685, 64.7433



53.4436, 60.2186, 45.8531



12.4917, 13.1740, 12.4965



22.6707, 21.2744, 2.9115



1.3353, 1.3249, 0.1853

Inverse Universe

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



43.8546, 45.5203, 66.1497



64.9371, 67.0647, 104.1300



43.2929, 41.7902, 65.4593



11.4486, 11.9874, 14.9541



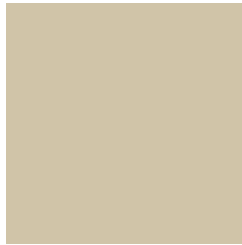
8.2567, 5.1601, 37.7533



0.5311, 0.4274, 2.1341

Previews

White Background



This preview shows how the XYZ color 52.8202, 55.7169, 45.0163 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 52.8202, 55.7169, 45.0163 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

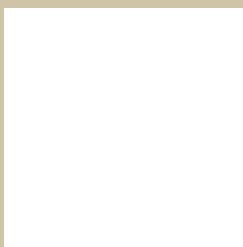
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8202, 55.7169, 45.0163

Background



This preview shows how black text looks on a background with the XYZ color 52.8202, 55.7169, 45.0163.

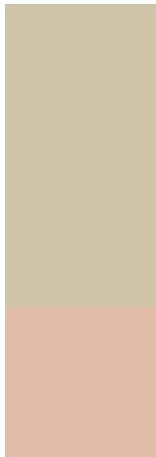


This preview shows how white text looks on a background with the XYZ color 52.8202, 55.7169,

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

52.8202, 55.7169, 45.0163

Protanopia

52.5399, 55.5724, 45.0032

Deuteranopia

56.7231, 55.4285, 45.2453



Tritanopia

57.2120, 55.8640, 66.1599

Trichromacy



Original Color

52.8202, 55.7169, 45.0163

Protanomaly

52.5399, 55.5724, 45.0032

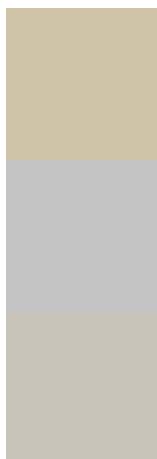
Deuteranomaly

55.2245, 55.6239, 45.3620

Tritanomaly

55.4484, 55.7946, 57.7162

Monochromacy



Original Color

52.8202, 55.7169, 45.0163

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.4223, 55.3044, 54.3662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8202, 55.7169, 45.0163 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(208, 196, 168)` looks like.

```
.text, #text, p{  
    color:rgb(208, 196, 168)  
}
```

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(208, 196, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 196, 168) }
```

Border

The CSS property to change the border of an element to XYZ 52.8202, 55.7169, 45.0163 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(208, 196, 168) }
```


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

```
.border{ border-color:rgb(208, 196, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 196, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 196, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 196, 168);  
box-shadow:4px 4px 4px 4px rgb(208, 196,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8202, 55.7169, 45.0163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 196, 168) }
```

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

```
.background{ background-color: rgb(208,  
196, 168) }
```

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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