

Converting Colors

XYZ(55.2950, 59.0322, 49.3698)

Have a look what the booklet for
XYZ(55.2950, 59.0322, 49.3698)
contains.

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Color

**XYZ(55.2515, 58.9310,
49.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CAB0
RGB	209, 202, 176
RGB Percent	82%, 79%, 69%
CMY	0.1804, 0.2078, 0.3098
CMYK	0.00, 0.03, 0.16, 0.18
HSL	47°, 26%, 75%
HSV	47°, 16%, 82%
XYZ	55.2515, 58.9310, 49.5370
YIQ	201.1290, 12.5180, -6.6020

Conversions

Conversions Part 2

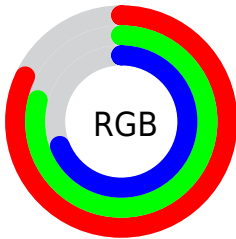
Format	Color
RYB	185, 209, 176
Decimal	13748912
CIELab	81.25, -1.91, 13.86
CIELCh	81, 13.987, 97.833
Yxy	58.9310, 0.3375, 0.3600
Android (android.graphics.Color)	4291938992 (0xFFD1CAB0)
YUV	201.1290, -12.3886, 6.9029
Hunter-Lab	76.7665, -5.8689, 15.4771

Details

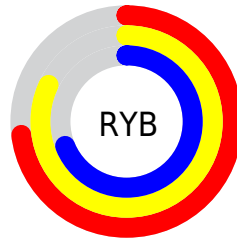
The XYZ color **55.2515, 58.9310, 49.5370** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.3464, 47.6994, 67.0862**, and the grayscale version is **55.6677, 58.5667, 63.7791**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **27.4915, 29.4799, 22.9801** is the 20% darker color. If you saturate the color by 10%, you get **52.3166, 56.1194, 39.1298**, and if you desaturate by 10%, it is **58.5378, 61.9349, 61.6336**.

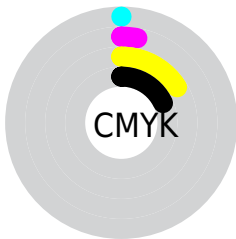
Distribution



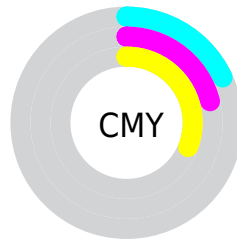
- Red (82%)
- Green (79%)
- Blue (69%)



- Red (73%)
- Yellow (82%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2515, 58.9310, 49.5370 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 55.2515, 58.9310, 49.5370 by changing the saturation by 10% instead.

■ 55.2515, 58.9310,
49.5370

■ 55.2515, 58.9310,
49.5370

396.9855,
420.6462, 401.5356

■ 39.8378, 42.5576,
34.6770

■ 97.0555, 103.2774,
90.8777

■ 27.5957, 29.5381,
23.1326

124.1765,
132.0191, 118.1956

■ 18.1600, 19.4883,
14.4853

155.9306,
165.6524, 150.5031

■ 11.1653, 12.0236,
8.3164

192.6832,
204.5617, 188.2190

■ 6.2463, 6.7598,
4.2074

234.7996,
249.1313, 231.7616

■ 3.0375, 3.3123,
1.7398

282.6453,

■ 1.1736, 1.2969,

299.7456, 281.5495

0.3878

336.5854,
356.7891, 338.0014

■ 0.0854, 0.1388,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2515, 58.9310,
49.5370

■ 55.2515, 58.9310,
49.5370

■ 52.3166, 56.1194,
39.1298

■ 58.5378, 61.9349,
61.6336

■ 49.7137, 53.4860,
30.3316

■ 62.1847, 65.1291,
75.4873

■ 47.4284, 51.0266,
23.0613

■ 66.2067, 68.5220,
91.1671

■ 45.4434, 48.7340,
17.2289

■ 69.8664, 71.8188,
104.7878

43.7397, 46.5999,
12.7353

71.0428, 74.1716,
105.1799

42.2958, 44.6155,
9.4685

72.2502, 76.5865,
105.5824

41.0866, 42.7704,
7.2984

73.4889, 79.0639,
105.9953

40.0814, 41.0517,
6.0640

74.7591, 81.6043,
106.4187

39.6950, 40.3560,
5.6973

76.0611, 84.2082,
106.8527

Harmonies

Analogous

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



58.1543, 58.9310, 50.4148



55.2515, 58.9310, 49.5370



52.6431, 58.9310, 52.3012

Triad

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



55.2515, 58.9310, 49.5370



51.6997, 58.9310, 74.5271



61.3665, 58.9310, 70.4169

Complementary

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



55.2515, 58.9310, 49.5370



46.3464, 47.6994, 67.0862

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.



59.5219, 58.9310, 77.7015



55.2515, 58.9310, 49.5370



53.9233, 58.9310, 80.2143

Square

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



55.2515, 58.9310, 49.5370



50.6394, 58.9310, 66.3792



56.7797, 58.9310, 81.4237



61.7521, 58.9310, 62.0023

Rectangle

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



55.2515, 58.9310, 49.5370



51.3989, 58.9310, 55.9913



56.7797, 58.9310, 81.4237



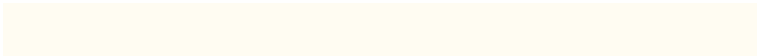
60.8935, 58.9310, 73.0996

Sweetspot

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



55.2531, 58.9336, 49.5383



92.2084, 97.4935, 98.1596



50.3833, 48.0319, 51.4980



19.6534, 20.7935, 20.6993



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.



55.2531, 58.9336, 49.5383



85.0181, 90.8842, 71.8049



54.3635, 60.9672, 49.9777



12.5819, 13.3544, 12.5266



24.5484, 25.0298, 3.5374



1.4271, 1.5085, 0.2160

Inverse Universe

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



46.3464, 47.6994, 67.0862



68.4232, 69.9540, 104.5039



47.1268, 46.0128, 66.7195



11.3639, 11.8181, 14.9258



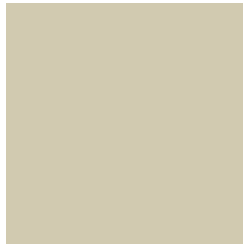
7.7170, 4.0806, 37.5734



0.4906, 0.3465, 2.1206

Previews

White Background



This preview shows how the XYZ color 55.2515, 58.9310, 49.5370 looks on a white background.

Color Contrast Check

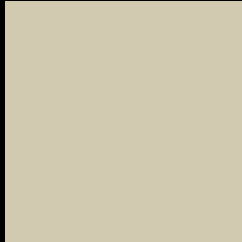
Large Text (above 18pt) WCAG AA × Fail

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 55.2515, 58.9310, 49.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

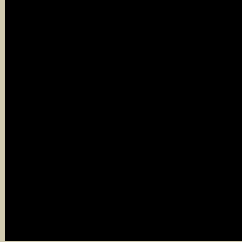
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

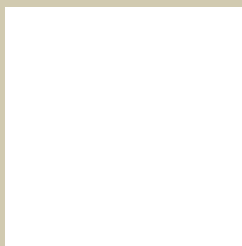
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2515, 58.9310, 49.5370

Background



This preview shows how black text looks on a background with the XYZ color 55.2515, 58.9310, 49.5370.



This preview shows how white text looks on a background with the XYZ color 55.2515, 58.9310,

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

55.2515, 58.9310, 49.5370

Protanopia

55.5871, 58.7568, 49.4857

Deuteranopia

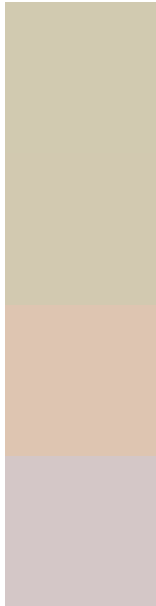
59.9608, 58.6209, 50.2742



Tritanopia

59.5815, 58.9821, 70.5318

Trichromacy



Original Color

55.2515, 58.9310, 49.5370

Protanomaly

55.3015, 58.6095, 49.4724

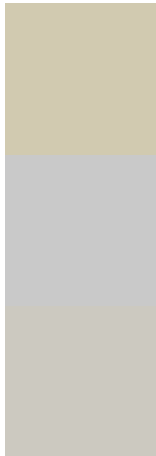
Deuteranomaly

58.0263, 58.6364, 49.8546

Tritanomaly

57.8836, 58.9674, 62.3639

Monochromacy



Original Color

55.2515, 58.9310, 49.5370

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3029, 58.4164, 58.2299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2515, 58.9310, 49.5370 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(209, 202, 176)` looks like.

```
.text, #text, p{  
    color:rgb(209, 202, 176)  
}
```

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(209, 202, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 176) }
```

Border

The CSS property to change the border of an element to XYZ 55.2515, 58.9310, 49.5370 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(209, 202, 176) }
```


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

```
.border{ border-color:rgb(209, 202, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 202, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 202, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 202, 176);  
box-shadow:4px 4px 4px 4px rgb(209, 202,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2515, 58.9310, 49.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 176) }
```

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

```
.background{ background-color: rgb(209,  
202, 176) }
```

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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