

Converting Colors

XYZ(56.4226, 59.3321, 44.9934)

Have a look what the booklet for
XYZ(56.4226, 59.3321, 44.9934)
contains.

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Color

**XYZ(56.4770, 59.3150,
45.0315)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D9C9A7 |
| RGB | 217, 201, 167 |
| RGB Percent | 85%, 79%, 65% |
| CMY | 0.1490, 0.2117, 0.3451 |
| CMYK | 0.00, 0.07, 0.23, 0.15 |
| HSL | 41°, 40%, 75% |
| HSV | 41°, 23%, 85% |
| XYZ | 56.4770, 59.3150, 45.0315 |
| YIQ | 201.9080, 20.4500, -7.1820 |

Conversions

Conversions Part 2

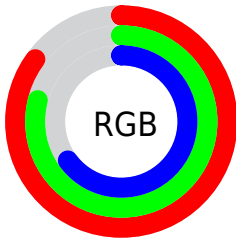
| Format | Color |
|-------------------------------------|-------------------------------------------------|
| RYB | 191, 217, 167 |
| Decimal | 14272935 |
| CIELab | 81.46, 0.25, 19.03 |
| CIELCh | 81, 19.034, 89.254 |
| Yxy | 59.3150, 0.3512, 0.3688 |
| Android (android.graphics.Color) | 4292463015 (0xFFD9C9A7) |
| YUV | 201.9080, -17.2096, 13.2357 |
| Hunter-Lab | 77.0162, -3.8820, 19.2444 |

Details

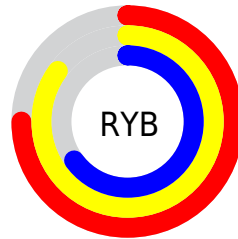
The XYZ color **56.4770, 59.3150, 45.0315** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.3940, 47.0912, 72.3431**, and the grayscale version is **56.1779, 59.1036, 64.3638**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **28.4285, 29.7866, 20.4707** is the 20% darker color. If you saturate the color by 10%, you get **53.0555, 55.4172, 34.8104**, and if you desaturate by 10%, it is **60.3115, 63.4991, 57.0523**.

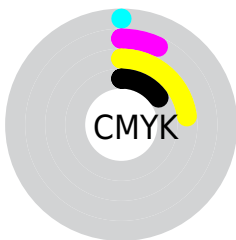
Distribution



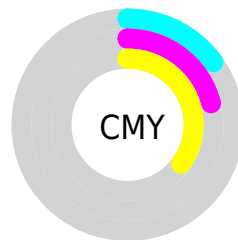
- Red (85%)
- Green (79%)
- Blue (65%)



- Red (75%)
- Yellow (85%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4770, 59.3150, 45.0315 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 56.4770, 59.3150, 45.0315 by changing the saturation by 10% instead.


 56.4770, 59.3150,
45.0315


 56.4770, 59.3150,
45.0315


401.5326,
422.0683, 383.0650

 40.8240, 42.8667,
31.1391


 98.8374, 103.8353,
84.0866

 28.3686, 29.7806,
20.4454


 126.2756,
132.6762, 110.0864

 18.7456, 19.6721,
12.5320


158.3728,
166.4168, 140.9592

 11.5895, 12.1569,
6.9801

195.4944,
205.4414, 177.1233

 6.5350, 6.8506,
3.3714

238.0059,
250.1344, 218.9974

 3.2168, 3.3689,
1.2873

286.2725,

 1.2694, 1.3272,

300.8803, 267.0000

0.0513

340.6596,
358.0635, 321.5497

■ 0.1601, 0.1621,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4770, 59.3150,
45.0315

■ 56.4770, 59.3150,
45.0315

■ 53.0555, 55.4172,
34.8104

■ 60.3115, 63.4991,
57.0523

■ 50.0244, 51.7890,
26.2966

■ 64.5708, 67.9697,
70.9518

■ 47.3663, 48.4240,
19.3951

■ 69.2720, 72.7370,
86.8084

■ 45.0599, 45.3120,
13.9997

■ 74.4299, 77.8084,
104.6954

■ 43.0819, 42.4421,
9.9917

■ 76.5792, 81.7993,
106.3604

■ 41.4051, 39.8018,
7.2342

■ 78.6138, 85.8686,
107.0386

■ 39.9974, 37.3765,
5.5620

■ 80.7270, 90.0948,
107.7430

■ 39.1395, 35.7999,
4.8472

■ 82.4255, 93.4918,
108.3092

Harmonies

Analogous

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



60.3861, 59.3150, 47.4993



56.4770, 59.3150, 45.0315



52.7148, 59.3150, 47.2668

Triad

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



56.4770, 59.3150, 45.0315



49.9524, 59.3150, 75.9129



63.2226, 59.3150, 76.4657

Complementary

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



56.4770, 59.3150, 45.0315



45.3940, 47.0912, 72.3431

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.



60.2053, 59.3150, 85.6854



56.4770, 59.3150, 45.0315



52.5496, 59.3150, 85.3407

Square

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



56.4770, 59.3150, 45.0315



49.0568, 59.3150, 64.2985



56.2774, 59.3150, 89.1071



64.3917, 59.3150, 64.8702

Rectangle

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



56.4770, 59.3150, 45.0315



50.7687, 59.3150, 51.2926



56.2774, 59.3150, 89.1071



62.3841, 59.3150, 79.9933

Sweetspot

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



56.4786, 59.3177, 45.0327



90.5132, 95.3137, 93.8625



51.0514, 45.8366, 51.3218



19.2930, 20.3167, 19.8269



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.



56.4786, 59.3177, 45.0327



78.7510, 82.5063, 56.9026



57.9887, 65.9230, 46.2281



13.7927, 14.5248, 13.8022



23.7920, 21.8696, 2.9673



1.6179, 1.5698, 0.2177

Inverse Universe

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



45.3940, 47.0912, 72.3431



59.8993, 61.7166, 103.3632



44.0979, 41.8006, 71.3902



12.6770, 13.2938, 16.5499



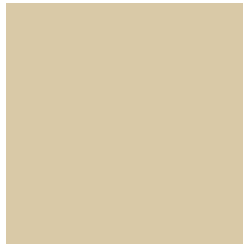
8.9704, 5.8102, 40.3871



0.6576, 0.5293, 2.6419

Previews

White Background



This preview shows how the XYZ color 56.4770, 59.3150, 45.0315 looks on a white background.

Color Contrast Check

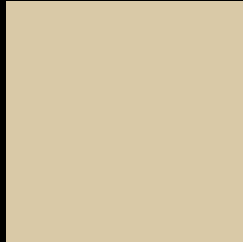
Large Text (above 18pt) WCAG AA × Fail

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 56.4770, 59.3150, 45.0315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

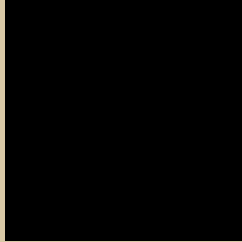
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4770, 59.3150, 45.0315

Background



This preview shows how black text looks on a background with the XYZ color 56.4770, 59.3150, 45.0315.



This preview shows how white text looks on a background with the XYZ color 56.4770, 59.3150,

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

56.4770, 59.3150, 45.0315

Protanopia

55.8271, 59.3272, 45.0681

Deuteranopia

60.5147, 59.3498, 45.3120



Tritanopia

61.2722, 59.2130, 69.1726

Trichromacy



Original Color

56.4770, 59.3150, 45.0315

Protanomaly

56.1199, 59.4782, 45.0818

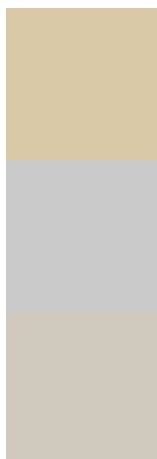
Deuteranomaly

59.0290, 59.2536, 45.3717

Tritanomaly

59.2191, 59.0432, 59.3142

Monochromacy



Original Color

56.4770, 59.3150, 45.0315

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.0380, 59.1806, 56.6136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4770, 59.3150, 45.0315 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(217, 201, 167)` looks like.

```
.text, #text, p{  
    color:rgb(217, 201, 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(217, 201, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 201, 167) }
```

Border

The CSS property to change the border of an element to XYZ 56.4770, 59.3150, 45.0315 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(217, 201, 167) }
```


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

```
.border{ border-color:rgb(217, 201, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 201, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 201, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 201, 167);  
box-shadow:4px 4px 4px 4px rgb(217, 201,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4770, 59.3150, 45.0315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 201, 167) }
```

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

```
.background{ background-color: rgb(217,  
201, 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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