

Converting Colors

XYZ(58.4442, 56.5352, 49.9515)

Have a look what the booklet for
XYZ(58.4442, 56.5352, 49.9515)
contains.

XYZ(58.4442, 56.5352, 49.9515)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.4442, 56.5352,
49.9515)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BEB2
RGB	228, 190, 178
RGB Percent	89%, 75%, 70%
CMY	0.1059, 0.2549, 0.3020
CMYK	0.00, 0.17, 0.22, 0.11
HSL	14°, 48%, 80%
HSV	14°, 22%, 89%
XYZ	58.4442, 56.5352, 49.9515
YIQ	199.9940, 26.5000, 4.3240

Conversions

Conversions Part 2

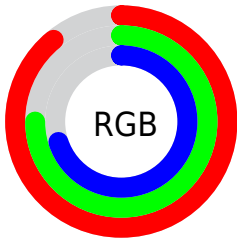
Format	Color
RYB	228, 194, 178
Decimal	14991026
CIELab	79.92, 11.74, 11.12
CIELCh	80, 16.174, 43.456
Yxy	56.5352, 0.3544, 0.3428
Android (android.graphics.Color)	4293181106 (0xFFE4BEB2)
YUV	199.9940, -10.8430, 24.5613
Hunter-Lab	75.1899, 7.1636, 13.2443

Details

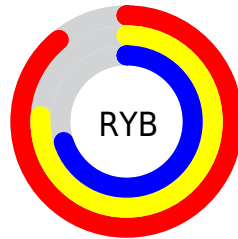
The XYZ color **58.4442, 56.5352, 49.9515** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.9190, 64.1764, 82.7864**, and the grayscale version is **54.9505, 57.8122, 62.9575**.

A 20% lighter version of the original color is **89.0471, 93.1120, 91.1210**, and **29.6606, 28.1426, 23.2708** is the 20% darker color. If you saturate the color by 10%, you get **52.8106, 48.6318, 37.7025**, and if you desaturate by 10%, it is **64.9076, 65.4882, 64.3555**.

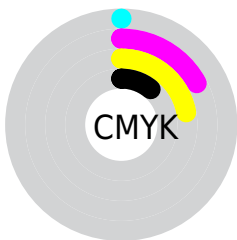
Distribution



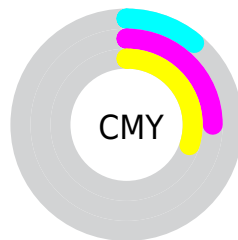
- Red (89%)
- Green (75%)
- Blue (70%)



- Red (89%)
- Yellow (76%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4442, 56.5352, 49.9515 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 58.4442, 56.5352, 49.9515 by changing the saturation by 10% instead.


 58.4442, 56.5352,
49.9515

 58.4442, 56.5352,
49.9515


408.7663,
411.7053, 403.2059

 42.4105, 40.6322,
35.0040


 101.6887, 99.7867,
91.4986

 29.6154, 28.0318,
23.3823


129.6302,
127.9039, 118.9352

 19.6935, 18.3496,
14.6681


162.2717,
160.8613, 151.3719

 12.2794, 11.2013,
8.4428


199.9785,
199.0434, 189.2273

 7.0078, 6.2024,
4.2877

243.1160,
242.8344, 232.9198

 3.5133, 2.9685,
1.7845

292.0496,

 1.4307, 1.1153,

292.6188, 282.8680

0.4177

347.1446,
348.7810, 339.4906

■ 0.2779, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4442, 56.5352,
49.9515

■ 58.4442, 56.5352,
49.9515

■ 52.8106, 48.6318,
37.7025

■ 64.9076, 65.4882,
64.3555

■ 47.9677, 41.7315,
27.5009

■ 72.2283, 75.5198,
81.0079

■ 43.8803, 35.7960,
19.2349

■ 80.4386, 86.6671,
100.0011

■ 40.5084, 30.7812,
12.7806

■ 85.8050, 95.2340,
108.4673

■ 37.8082, 26.6396,
7.9999

■ 35.7305, 23.3190,
4.7341

■ 34.2187, 20.7613,
2.7934

■ 33.3489, 19.2018,
1.9486

Harmonies

Analogous

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



60.1048, 56.5352, 57.4493



58.4442, 56.5352, 49.9515



55.5509, 56.5352, 45.8160

Triad

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



58.4442, 56.5352, 49.9515



47.9134, 56.5352, 56.5561



55.2159, 56.5352, 80.8467

Complementary

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



58.4442, 56.5352, 49.9515



56.9190, 64.1764, 82.7864

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.



51.9591, 56.5352, 80.5450



58.4442, 56.5352, 49.9515



47.8320, 56.5352, 65.8565

Square

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



58.4442, 56.5352, 49.9515



49.5131, 56.5352, 49.3551



49.2858, 56.5352, 74.8343



58.1904, 56.5352, 75.6210

Rectangle

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



58.4442, 56.5352, 49.9515



53.3557, 56.5352, 45.2313



49.2858, 56.5352, 74.8343



54.1161, 56.5352, 81.4032

Sweetspot

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



58.4457, 56.5378, 49.9527



88.1324, 90.5520, 93.0689



60.3536, 53.3106, 72.3013



18.7419, 19.2146, 19.6432



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.



58.4457, 56.5378, 49.9527



72.1328, 68.4011, 57.3745



64.2469, 68.1401, 51.8864



14.6565, 14.9270, 15.0132



19.3337, 11.2415, 1.1508



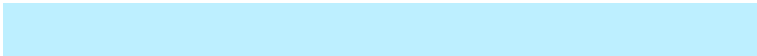
1.4997, 0.9727, 0.1087

Inverse Universe

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



56.9190, 64.1764, 82.7864



69.8525, 79.7816, 106.3255



51.0679, 52.4743, 80.8361



14.4989, 15.7191, 18.4143



16.8403, 20.7428, 45.4993



1.3151, 1.6740, 3.3858

Previews

White Background



This preview shows how the XYZ color 58.4442, 56.5352, 49.9515 looks on a white background.

Color Contrast Check

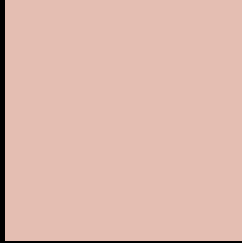
Large Text (above 18pt) WCAG AA × Fail

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 58.4442, 56.5352, 49.9515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

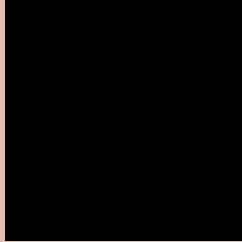
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4442, 56.5352, 49.9515

Background



This preview shows how black text looks on a background with the XYZ color 58.4442, 56.5352, 49.9515.



This preview shows how white text looks on a background with the XYZ color 58.4442, 56.5352,

49.9515.

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

58.4442, 56.5352, 49.9515

Protanopia

54.0912, 56.8874, 52.3854

Deuteranopia

57.7180, 56.4835, 49.9798



Tritanopia

61.2679, 56.7466, 62.9824

Trichromacy



Original Color

58.4442, 56.5352, 49.9515

Protanomaly

55.5872, 56.6626, 51.7233

Deuteranomaly

58.0307, 56.6447, 49.9945

Tritanomaly

60.2420, 56.6397, 58.2095

Monochromacy



Original Color

58.4442, 56.5352, 49.9515

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.8327, 56.9873, 57.9261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4442, 56.5352, 49.9515 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(228, 190, 178)` looks like.

```
.text, #text, p{  
    color:rgb(228, 190, 178)  
}
```

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(228, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 190, 178) }
```

Border

The CSS property to change the border of an element to XYZ 58.4442, 56.5352, 49.9515 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(228, 190, 178) }
```


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

```
.border{ border-color:rgb(228, 190, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 190, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 190, 178);  
box-shadow:4px 4px 4px 4px rgb(228, 190,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4442, 56.5352, 49.9515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 190, 178) }
```

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

```
.background{ background-color: rgb(228,  
190, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor