

Converting Colors

XYZ(56.3203, 49.6945, 43.7815)

Have a look what the booklet for
XYZ(56.3203, 49.6945, 43.7815)
contains.

XYZ(56.5558, 49.9575, 43.7077)	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(56.5558, 49.9575,
43.7077)**

Conversions

Conversions Part 1

Format	Color
Hex	EDABA8
RGB	237, 171, 168
RGB Percent	93%, 67%, 66%
CMY	0.0706, 0.3294, 0.3412
CMYK	0.00, 0.28, 0.29, 0.07
HSL	3°, 66%, 79%
HSV	3°, 29%, 93%
XYZ	56.5558, 49.9575, 43.7077
YIQ	190.3920, 40.2990, 13.0590

Conversions

Conversions Part 2

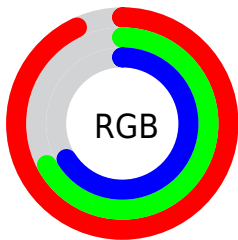
Format	Color
R _Y B	237, 171, 168
Decimal	15575976
CIE Lab	76.04, 23.81, 11.16
CIE LCh	76, 26.296, 25.112
Yxy	49.9575, 0.3765, 0.3326
Android (android.graphics.Color)	4293766056 (0xFFEDABA8)
YUV	190.3920, -11.0393, 40.8752
Hunter-Lab	70.6806, 19.1375, 12.8125

Details

The XYZ color **56.5558, 49.9575, 43.7077** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.8562, 73.2823, 91.0583**, and the grayscale version is **49.2161, 51.7792, 56.3875**.

A 20% lighter version of the original color is **82.0284, 81.5259, 81.2247**, and **28.4532, 23.9211, 19.6406** is the 20% darker color. If you saturate the color by 10%, you get **50.6252, 41.3134, 31.8125**, and if you desaturate by 10%, it is **63.6257, 60.2357, 57.9690**.

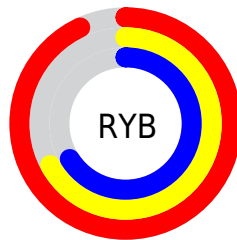
Distribution



Red (93%)

Green (67%)

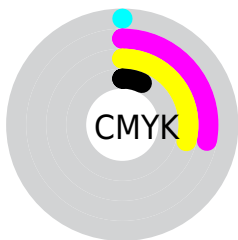
Blue (66%)



Red (93%)

Yellow (67%)

Blue (66%)

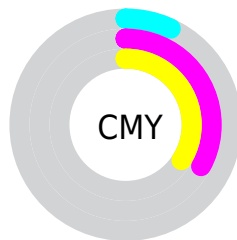


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5558, 49.9575, 43.7077 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 56.5558, 49.9575, 43.7077 by changing the saturation by 10% instead.


 56.5558, 49.9575,
43.7077

 56.5558, 49.9575,
43.7077


401.8239,
386.4997, 377.5205

 40.8875, 35.3796,
30.1053


 98.9519, 90.1119,
82.0755

 28.4184, 23.9555,
19.6658

126.4103,
116.4572, 107.6780

 18.7834, 15.3006,
11.9707


158.5295,
147.4938, 138.1175

 11.6169, 9.0306,
6.6014

195.6747,
183.6061, 173.8127

 6.5537, 4.7612,
3.1395

238.2114,
225.1784, 215.1820

 3.2284, 2.1078,
1.1663

286.5050,

 1.2757, 0.6690,

272.5952, 262.6441

0.0000

340.9207,
326.2408, 316.6174

■ 0.1649, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5558, 49.9575,
43.7077

■ 56.5558, 49.9575,
43.7077

■ 50.6252, 41.3134,
31.8125

■ 63.6257, 60.2357,
57.9690

■ 45.7706, 34.2128,
22.1525

■ 71.8860, 72.2186,
74.7114

■ 41.9286, 28.5667,
14.5892

■ 81.3894, 85.9812,
94.0461

■ 39.0276, 24.2747,
8.9669

■ 88.7351, 96.7445,
108.6045

■ 36.9864, 21.2232,
5.1086

■ 35.7103, 19.2802,
2.8050

■ 35.0721, 18.2802,
1.7403

■ 35.0371, 18.2286,
1.6718

Harmonies

Analogous

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



57.5255, 49.9575, 56.7321



56.5558, 49.9575, 43.7077



53.0909, 49.9575, 35.0930

Triad

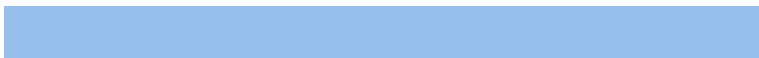
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.5558, 49.9575, 43.7077



40.1518, 49.9575, 40.3483



46.6831, 49.9575, 86.0303

Complementary

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



56.5558, 49.9575, 43.7077



60.8562, 73.2823, 91.0583

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.



42.2848, 49.9575, 79.7271



56.5558, 49.9575, 43.7077



38.6833, 49.9575, 52.1234

Square

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



56.5558, 49.9575, 43.7077



43.5878, 49.9575, 33.4006



39.4366, 49.9575, 66.6967



51.6038, 49.9575, 82.7373

Rectangle

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



56.5558, 49.9575, 43.7077



49.9506, 49.9575, 32.2241



39.4366, 49.9575, 66.6967



45.0983, 49.9575, 84.9362

Sweetspot

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



56.5571, 49.9599, 43.7087



84.9655, 85.3949, 88.3859



63.8800, 51.9911, 85.0387



17.8615, 17.8075, 18.2591



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.



56.5571, 49.9599, 43.7087



62.4067, 52.6175, 42.8233



63.7767, 64.3990, 46.1152



15.1181, 15.1591, 15.6479



19.1534, 10.0010, 0.9209



1.5226, 0.8225, 0.0785

Inverse Universe

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



60.8562, 73.2823, 91.0583



68.2561, 84.3651, 107.2944



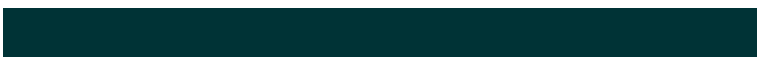
52.1356, 55.8410, 88.1514



15.4582, 17.0028, 19.3894



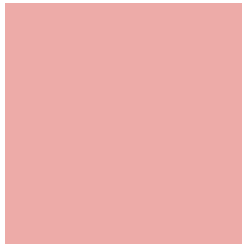
23.3209, 33.2888, 48.9392



1.8487, 2.6489, 3.8487

Previews

White Background



This preview shows how the XYZ color 56.5558, 49.9575, 43.7077 looks on a white background.

Color Contrast Check

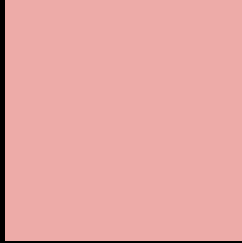
Large Text (above 18pt) WCAG AA × Fail

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 56.5558, 49.9575, 43.7077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

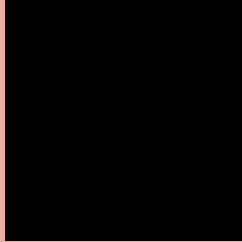
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5558, 49.9575, 43.7077

Background



This preview shows how black text looks on a background with the XYZ color 56.5558, 49.9575, 43.7077.



This preview shows how white text looks on a background with the XYZ color 56.5558, 49.9575,

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

56.5558, 49.9575, 43.7077

Protanopia

47.9543, 50.1843, 48.7541

Deuteranopia

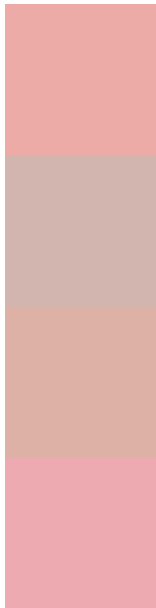
51.1384, 50.0971, 43.0508



Tritanopia

57.8914, 49.9305, 50.8423

Trichromacy



Original Color

56.5558, 49.9575, 43.7077

Protanomaly

50.7422, 49.8054, 46.9834

Deuteranomaly

52.8214, 49.7639, 43.3806

Tritanomaly

57.5704, 50.1009, 48.2311

Monochromacy



Original Color

56.5558, 49.9575, 43.7077

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.1091, 50.5098, 51.3116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5558, 49.9575, 43.7077 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(237, 171, 168)` looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 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(237, 171, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 168) }
```

Border

The CSS property to change the border of an element to XYZ 56.5558, 49.9575, 43.7077 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(237, 171, 168) }
```


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

```
.border{ border-color:rgb(237, 171, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 171, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 171, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 171, 168);  
box-shadow:4px 4px 4px 4px rgb(237, 171,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5558, 49.9575, 43.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 168) }
```

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

```
.background{ background-color: rgb(237,  
171, 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](#).

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