

Converting Colors

XYZ(56.4197, 49.5545, 43.8213)

Have a look what the booklet for
XYZ(56.4197, 49.5545, 43.8213)
contains.

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Color

**XYZ(56.3677, 49.5811,
43.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAAA8
RGB	237, 170, 168
RGB Percent	93%, 67%, 66%
CMY	0.0706, 0.3333, 0.3412
CMYK	0.00, 0.28, 0.29, 0.07
HSL	2°, 66%, 79%
HSV	2°, 29%, 93%
XYZ	56.3677, 49.5811, 43.6450
YIQ	189.8050, 40.5740, 13.5820

Conversions

Conversions Part 2

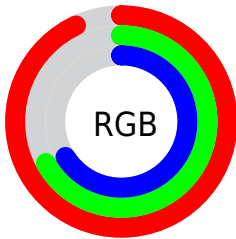
Format	Color
R_{YB}	237, 170, 168
Decimal	15575720
CIE _{Lab}	75.81, 24.34, 10.83
CIE _{LCh}	76, 26.644, 23.986
Yxy	49.5811, 0.3768, 0.3314
Android (android.graphics.Color)	4293765800 (0xFFEDAAA8)
YUV	189.8050, -10.7499, 41.3900
Hunter-Lab	70.4138, 19.6686, 12.5396

Details

The XYZ color **56.3677, 49.5811, 43.6450** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.1420, 73.8537, 91.1538**, and the grayscale version is **48.8760, 51.4214, 55.9979**.

A 20% lighter version of the original color is **81.7556, 80.9804, 81.1338**, and **28.3361, 23.6868, 19.6015** is the 20% darker color. If you saturate the color by 10%, you get **50.4151, 40.8931, 31.7424**, and if you desaturate by 10%, it is **63.4804, 59.9447, 57.9205**.

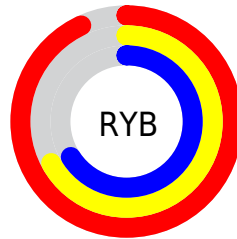
Distribution



Red (93%)

Green (67%)

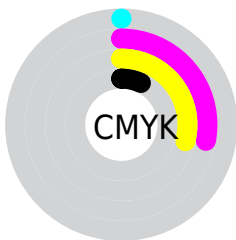
Blue (66%)



Red (93%)

Yellow (67%)

Blue (66%)

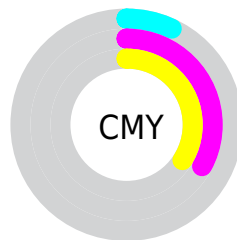


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (7%)



Cyan (7%)

Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3677, 49.5811, 43.6450 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 56.3677, 49.5811, 43.6450 by changing the saturation by 10% instead.


 56.3677, 49.5811,
43.6450


 56.3677, 49.5811,
43.6450


401.1283,
385.0255, 377.2565

 40.7360, 35.0807,
30.0564


 98.6787, 89.5539,
81.9801

 28.2996, 23.7250,
19.6290

 126.0886,
115.7951, 107.5636

 18.6932, 15.1298,
11.9442


158.1554,
146.7186, 137.9825

 11.5515, 8.9105,
6.5836

195.2443,
182.7089, 173.6553

 6.5091, 4.6829,
3.1286

237.7207,
224.1503, 215.0005

 3.2006, 2.0624,
1.1607

285.9499,

 1.2607, 0.6434,

271.4273, 262.4368

0.0000

340.2973,
324.9242, 316.3826

■ 0.1535, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3677, 49.5811,
43.6450

■ 56.3677, 49.5811,
43.6450

■ 50.4151, 40.8931,
31.7424

■ 63.4804, 59.9447,
57.9205

■ 45.5575, 33.7863,
22.0815

■ 71.8059, 72.0581,
74.6847

■ 41.7292, 28.1676,
14.5226

■ 81.3985, 85.9992,
94.0493

■ 38.8560, 23.9314,
8.9096

■ 88.7352, 96.7446,
108.6045

■ 36.8540, 20.9581,
5.0644

■ 35.6243, 19.1079,
2.7762

■ 35.0336, 18.2030,
1.7274

■ 34.9999, 18.1541,
1.6594

Harmonies

Analogous

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



57.2393, 49.5811, 56.8924



56.3677, 49.5811, 43.6450



52.9465, 49.5811, 34.8015

Triad

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



56.3677, 49.5811, 43.6450



39.8379, 49.5811, 39.4908



46.1350, 49.5811, 85.8863

Complementary

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



56.3677, 49.5811, 43.6450



61.1420, 73.8537, 91.1538

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.



41.7473, 49.5811, 79.1733



56.3677, 49.5811, 43.6450



38.2790, 49.5811, 51.1792

Square

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



56.3677, 49.5811, 43.6450



43.3610, 49.5811, 32.7132



38.9529, 49.5811, 65.8422



51.1015, 49.5811, 82.9178

Rectangle

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



56.3677, 49.5811, 43.6450



49.8004, 49.5811, 31.7939



38.9529, 49.5811, 65.8422



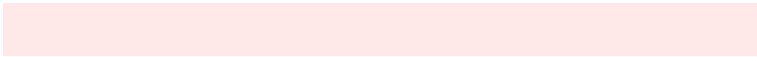
44.5479, 49.5811, 84.6551

Sweetspot

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



56.3690, 49.5834, 43.6460



84.8714, 85.2066, 88.3545



64.0467, 52.0578, 85.9156



17.8386, 17.7616, 18.2515



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.



56.3690, 49.5834, 43.6460



62.1660, 52.1360, 42.7430



63.5032, 63.8517, 46.0240



15.1005, 15.1241, 15.6421



19.1249, 9.9440, 0.9114



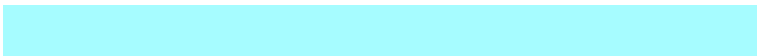
1.5142, 0.8056, 0.0757

Inverse Universe

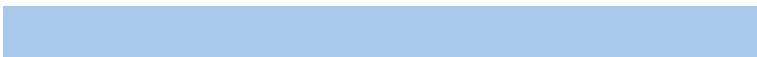
The Inverse Universe completely reimagines the original color for something new.



61.1420, 73.8537, 91.1538



68.6619, 85.1768, 107.4296



52.4034, 56.3765, 88.2409



15.4780, 17.0424, 19.3960



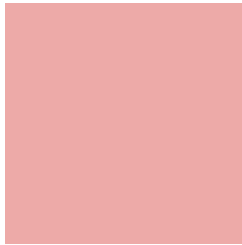
23.8298, 34.3067, 49.1089



1.8831, 2.7176, 3.8602

Previews

White Background



This preview shows how the XYZ color 56.3677, 49.5811, 43.6450 looks on a white background.

Color Contrast Check

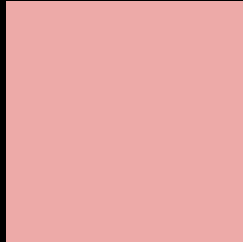
Large Text (above 18pt) WCAG AA × Fail

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 56.3677, 49.5811, 43.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

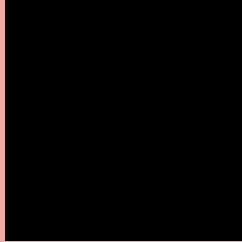
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3677, 49.5811, 43.6450

Background



This preview shows how black text looks on a background with the XYZ color 56.3677, 49.5811, 43.6450.



This preview shows how white text looks on a background with the XYZ color 56.3677, 49.5811,

43.6450.

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

56.3677, 49.5811, 43.6450

Protanopia

47.4870, 49.6296, 48.6716

Deuteranopia

50.6448, 49.5418, 42.9697



Tritanopia

57.6030, 49.5186, 50.2381

Trichromacy



Original Color

56.3677, 49.5811, 43.6450

Protanomaly

50.2557, 49.2538, 46.9026

Deuteranomaly

52.6246, 49.3703, 43.3150

Tritanomaly

57.2843, 49.6877, 47.6458

Monochromacy



Original Color

56.3677, 49.5811, 43.6450

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 56.3677, 49.5811, 43.6450 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, 170, 168)` looks like.

```
.text, #text, p{  
    color:rgb(237, 170, 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, 170, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 170, 168) }
```

Border

The CSS property to change the border of an element to XYZ 56.3677, 49.5811, 43.6450 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, 170, 168) }
```


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

```
.border{ border-color:rgb(237, 170, 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, 170, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 170, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 170, 168);  
box-shadow:4px 4px 4px 4px rgb(237, 170,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3677, 49.5811, 43.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 170, 168) }
```

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

```
.background{ background-color: rgb(237,  
170, 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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