

Converting Colors

XYZ(56.7901, 49.7344, 43.9267)

Have a look what the booklet for
XYZ(56.7901, 49.7344, 43.9267)
contains.

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Color

**XYZ(56.7961, 49.7912,
44.1533)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EEAAA9 |
| RGB | 238, 170, 169 |
| RGB Percent | 93%, 67%, 66% |
| CMY | 0.0667, 0.3333, 0.3372 |
| CMYK | 0.00, 0.29, 0.29, 0.07 |
| HSL | 1°, 67%, 80% |
| HSV | 1°, 29%, 93% |
| XYZ | 56.7961, 49.7912, 44.1533 |
| YIQ | 190.2180, 40.8490, 14.1050 |

Conversions

Conversions Part 2

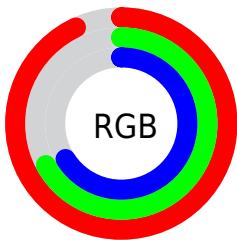
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 238, 170, 169 |
| Decimal | 15641257 |
| CIE Lab | 75.94, 24.85, 10.48 |
| CIE LCh | 76, 26.968, 22.877 |
| Yxy | 49.7912, 0.3768, 0.3303 |
| Android (android.graphics.Color) | 4293831337 (0xFFEEAAA9) |
| YUV | 190.2180, -10.4605, 41.9048 |
| Hunter-Lab | 70.5629, 20.1897, 12.2945 |

Details

The XYZ color **56.7961, 49.7912, 44.1533** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.0780, 75.1740, 92.1274**, and the grayscale version is **49.1123, 51.6699, 56.2685**.

A 20% lighter version of the original color is **81.8909, 81.0345, 81.8461**, and **28.6282, 23.8307, 19.9205** is the 20% darker color. If you saturate the color by 10%, you get **50.7507, 40.9563, 32.1000**, and if you desaturate by 10%, it is **64.0352, 60.3620, 58.6119**.

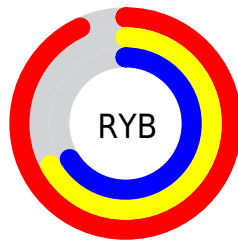
Distribution



Red (93%)

Green (67%)

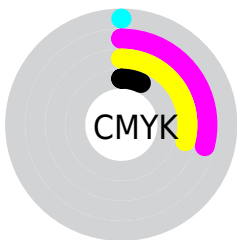
Blue (66%)



Red (93%)

Yellow (67%)

Blue (66%)

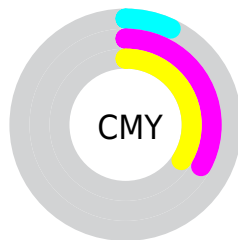


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (7%)



Cyan (7%)

Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7961, 49.7912, 44.1533 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 56.7961, 49.7912, 44.1533 by changing the saturation by 10% instead.


 56.7961, 49.7912,
44.1533

 56.7961, 49.7912,
44.1533


402.7114,
385.8488, 379.3931

 41.0811, 35.2475,
30.4530

 99.3007, 89.8654,
82.7533

 28.5704, 23.8536,
19.9277


 126.8209,
116.1648, 108.4901

 18.8987, 15.2251,
12.1589


159.0070,
147.1515, 139.0760

 11.7007, 8.9775,
6.7282

196.2242,
183.2099, 174.9298

 6.6109, 4.7265,
3.2168

238.8378,
224.7244, 216.4698

 3.2642, 2.0877,
1.2064

287.2134,

 1.2949, 0.6577,

272.0795, 264.1147

0.0000

341.7161,
325.6595, 318.2829

■ 0.1794, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7961, 49.7912,
44.1533

■ 56.7961, 49.7912,
44.1533

■ 50.7507, 40.9563,
32.1000

■ 64.0352, 60.3620,
58.6119

■ 45.8311, 33.7581,
22.3188

■ 72.5230, 72.7471,
75.5933

■ 41.9691, 28.0981,
14.6682

■ 82.3160, 87.0285,
95.2107

■ 39.0871, 23.8644,
8.9897

■ 89.0700, 96.9172,
108.6201

■ 37.0970, 20.9300,
5.1024

■ 35.8951, 19.1455,
2.7927

■ 35.3365, 18.3091,
1.7405

■ 35.2976, 18.2524,
1.6627

Harmonies

Analogous

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



57.5737, 49.7912, 57.7179



56.7961, 49.7912, 44.1533



53.3986, 49.7912, 35.0096

Triad

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



56.7961, 49.7912, 44.1533



40.0321, 49.7912, 39.1710



46.1372, 49.7912, 86.5653

Complementary

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



56.7961, 49.7912, 44.1533



62.0780, 75.1740, 92.1274

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.



41.7304, 49.7912, 79.4039



56.7961, 49.7912, 44.1533



38.3711, 49.7912, 50.8551

Square

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



56.7961, 49.7912, 44.1533



43.6676, 49.7912, 32.5084



38.9701, 49.7912, 65.6978



51.1812, 49.7912, 83.9114

Rectangle

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



56.7961, 49.7912, 44.1533



50.2269, 49.7912, 31.8375



38.9701, 49.7912, 65.6978



44.5372, 49.7912, 85.1890

Sweetspot

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



56.7974, 49.7936, 44.1543



84.7775, 85.0188, 88.3232



64.8809, 52.7267, 87.6469



17.8157, 17.7159, 18.2439



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.



56.7974, 49.7936, 44.1543



61.9278, 51.6597, 42.6636



63.8960, 63.9906, 46.5205



15.7913, 15.7957, 16.3663



19.7005, 10.1991, 0.9303



1.6453, 0.8614, 0.0795

Inverse Universe

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



62.0780, 75.1740, 92.1274



69.0703, 85.9935, 107.5658



53.2695, 57.5570, 89.1912



16.2265, 17.8871, 20.3189



25.1187, 36.4617, 50.8418



2.0959, 3.0458, 4.2317

Previews

White Background



This preview shows how the XYZ color 56.7961, 49.7912, 44.1533 looks on a white background.

Color Contrast Check

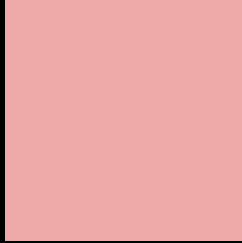
Large Text (above 18pt) WCAG AA × Fail

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 56.7961, 49.7912, 44.1533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

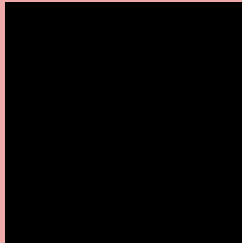
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7961, 49.7912, 44.1533

Background



This preview shows how black text looks on a background with the XYZ color 56.7961, 49.7912, 44.1533.



This preview shows how white text looks on a background with the XYZ color 56.7961, 49.7912,

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

56.7961, 49.7912, 44.1533

Protanopia

47.7985, 50.0925, 49.2690

Deuteranopia

50.9395, 49.9839, 43.5223



Tritanopia

57.9397, 49.6922, 50.2539

Trichromacy



Original Color

56.7961, 49.7912, 44.1533

Protanomaly

50.5562, 49.6982, 47.4856

Deuteranomaly

52.9142, 49.8010, 43.8695

Tritanomaly

57.7204, 49.9010, 48.1846

Monochromacy



Original Color

56.7961, 49.7912, 44.1533

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 56.7961, 49.7912, 44.1533 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(238, 170, 169)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 169)  
}
```

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(238, 170, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 169) }
```

Border

The CSS property to change the border of an element to XYZ 56.7961, 49.7912, 44.1533 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(238, 170, 169) }
```


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

```
.border{ border-color:rgb(238, 170, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 170, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 169);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7961, 49.7912, 44.1533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 169) }
```

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

```
.background{ background-color: rgb(238,  
170, 169) }
```

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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