

Converting Colors

XYZ(55.7179, 50.2302, 54.9668)

Have a look what the booklet for
XYZ(55.7179, 50.2302, 54.9668)
contains.

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Color

**XYZ(55.6854, 50.1150,
54.8823)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AEBD
RGB	226, 174, 189
RGB Percent	89%, 68%, 74%
CMY	0.1137, 0.3176, 0.2588
CMYK	0.00, 0.23, 0.16, 0.11
HSL	343°, 47%, 78%
HSV	343°, 23%, 89%
XYZ	55.6854, 50.1150, 54.8823
YIQ	191.2580, 26.1770, 15.6890

Conversions

Conversions Part 2

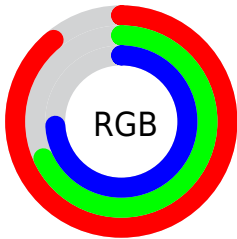
Format	Color
R _Y B	226, 174, 189
Decimal	14855869
CIE Lab	76.14, 21.23, -0.31
CIE LCh	76, 21.228, 359.175
Yxy	50.1150, 0.3466, 0.3119
Android (android.graphics.Color)	4293045949 (0xFFE2AEBD)
YUV	191.2580, -1.1132, 30.4687
Hunter-Lab	70.7919, 16.5233, 3.5891

Details

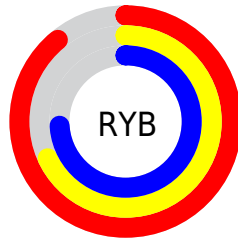
The XYZ color **55.6854, 50.1150, 54.8823** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4119, 68.0958, 71.8020**, and the grayscale version is **49.6678, 52.2544, 56.9050**.

A 20% lighter version of the original color is **86.0182, 84.4462, 98.1523**, and **27.8589, 23.9984, 26.4564** is the 20% darker color. If you saturate the color by 10%, you get **50.0312, 41.4468, 44.8572**, and if you desaturate by 10%, it is **62.2706, 60.3343, 66.1740**.

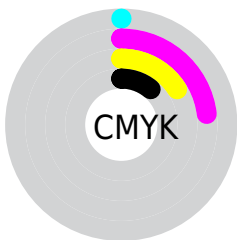
Distribution



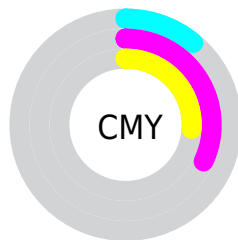
- Red (89%)
- Green (68%)
- Blue (74%)



- Red (89%)
- Yellow (68%)
- Blue (74%)



- Cyan (0%)
- Magenta (23%)
- Yellow (16%)
- Black (11%)





- Cyan (11%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6854, 50.1150, 54.8823 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 55.6854, 50.1150, 54.8823 by changing the saturation by 10% instead.


 55.6854, 50.1150,
54.8823

 55.6854, 50.1150,
54.8823


398.5991,
387.1155, 422.7350

 40.1868, 35.5048,
38.9095


 97.6869, 90.3452,
98.8379

 27.8690, 24.0520,
26.3821


124.9205,
116.7341, 127.6578

 18.3669, 15.3722,
16.8814


156.7965,
147.8179, 161.5972

 11.3150, 9.0810,
9.9889

193.6802,
183.9810, 201.0746

 6.3480, 4.7941,
5.2861

235.9369,
225.6080, 246.5085

 3.1005, 2.1269,
2.3544

283.9321,

 1.2071, 0.6797,

273.0831, 298.3175

0.7615

338.0310,
326.7908, 356.9202

■ 0.1120, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6854, 50.1150,
54.8823

■ 55.6854, 50.1150,
54.8823

■ 50.0312, 41.4468,
44.8572

■ 62.2706, 60.3343,
66.1740

■ 45.2608, 34.2469,
36.0501

■ 69.8227, 72.1686,
78.7721

■ 41.3290, 28.4351,
28.4140

■ 78.3809, 85.6865,
92.7185

■ 38.1848, 23.9207,
21.8972

■ 84.9065, 94.8018,
107.0276

■ 35.7716, 20.6022,
16.4439

■ 85.1743, 94.9089,
108.4378

■ 34.0245, 18.3628,
11.9932

■ 32.8661, 17.0615,
8.4764

■ 32.3236, 16.5526,
6.5196

Harmonies

Analogous

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



54.4974, 50.1150, 66.5606



55.6854, 50.1150, 54.8823



54.6178, 50.1150, 44.5829

Triad

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



55.6854, 50.1150, 54.8823



44.0056, 50.1150, 37.6090



43.8252, 50.1150, 75.5891

Complementary

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



55.6854, 50.1150, 54.8823



56.4119, 68.0958, 71.8020

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.



41.2702, 50.1150, 65.9397



55.6854, 50.1150, 54.8823



41.3703, 50.1150, 44.1078

Square

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



55.6854, 50.1150, 54.8823



47.7429, 50.1150, 35.4867



40.3965, 50.1150, 54.2523



47.5229, 50.1150, 79.4915

Rectangle

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



55.6854, 50.1150, 54.8823



52.8026, 50.1150, 39.6314



40.3965, 50.1150, 54.2523



42.8119, 50.1150, 72.8495

Sweetspot

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



55.6868, 50.1173, 54.8833



87.6395, 88.3440, 96.6723



55.5577, 49.5260, 78.5833



18.6282, 18.7051, 20.4749



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.



55.6868, 50.1173, 54.8833



69.2196, 59.7439, 65.1310



56.2294, 53.6744, 47.4438



13.8690, 13.7652, 15.0803



18.4851, 9.4610, 3.9544



1.3193, 0.6710, 0.4745

Inverse Universe

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



55.6868, 50.1173, 54.8833



69.2196, 59.7439, 65.1310



55.6383, 63.3982, 81.2567



13.8690, 13.7652, 15.0803



18.4851, 9.4610, 3.9544



1.3193, 0.6710, 0.4745

Previews

White Background



This preview shows how the XYZ color 55.6854, 50.1150, 54.8823 looks on a white background.

Color Contrast Check

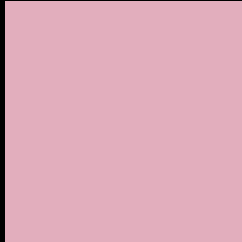
Large Text (above 18pt) WCAG AA × Fail

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 55.6854, 50.1150, 54.8823 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 55.6854, 50.1150, 54.8823

Background



This preview shows how black text looks on a background with the XYZ color 55.6854, 50.1150, 54.8823.



This preview shows how white text looks on a background with the XYZ color 55.6854, 50.1150,

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

55.6854, 50.1150, 54.8823

Protanopia

48.8346, 50.3907, 59.9758

Deuteranopia

51.1512, 50.1656, 54.0007



Tritanopia

55.5772, 50.0717, 54.3125

Trichromacy



Original Color

55.6854, 50.1150, 54.8823

Protanomaly

50.8227, 49.9075, 57.9934

Deuteranomaly

52.6378, 50.0172, 54.4569

Tritanomaly

55.5772, 50.0717, 54.3125

Monochromacy



Original Color

55.6854, 50.1150, 54.8823

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.5451, 51.2530, 55.8913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6854, 50.1150, 54.8823 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(226, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(226, 174, 189)  
}
```

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(226, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 174, 189) }
```

Border

The CSS property to change the border of an element to XYZ 55.6854, 50.1150, 54.8823 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(226, 174, 189) }
```


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

```
.border{ border-color:rgb(226, 174, 189) }
```

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

Here you see how a box with a 4 pixel rgb(226, 174, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(226, 174,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6854, 50.1150, 54.8823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 174, 189) }
```

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

```
.background{ background-color: rgb(226,  
174, 189) }
```

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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