

Converting Colors

XYZ(54.8818, 49.7678, 50.7486)

Have a look what the booklet for
XYZ(54.8818, 49.7678, 50.7486)
contains.

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Color

**XYZ(54.9436, 49.8183,
50.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AEB6
RGB	226, 174, 182
RGB Percent	89%, 68%, 71%
CMY	0.1137, 0.3176, 0.2863
CMYK	0.00, 0.23, 0.19, 0.11
HSL	351°, 47%, 78%
HSV	351°, 23%, 89%
XYZ	54.9436, 49.8183, 50.9760
YIQ	190.4600, 28.4240, 13.5120

Conversions

Conversions Part 2

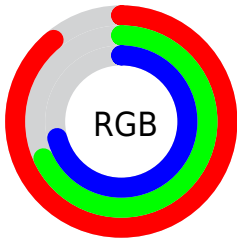
Format	Color
R _Y B	226, 174, 182
Decimal	14855862
CIE Lab	75.96, 20.15, 3.25
CIE LCh	76, 20.405, 9.164
Yxy	49.8183, 0.3528, 0.3199
Android (android.graphics.Color)	4293045942 (0xFFE2AEB6)
YUV	190.4600, -4.1708, 31.1686
Hunter-Lab	70.5821, 15.4321, 6.5869

Details

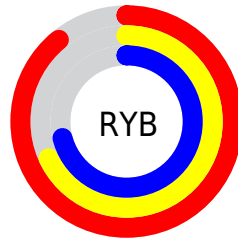
The XYZ color **54.9436, 49.8183, 50.9760** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.3089, 68.4546, 76.5257**, and the grayscale version is **49.2218, 51.7852, 56.3941**.

A 20% lighter version of the original color is **84.9694, 84.0267, 92.6293**, and **27.3774, 23.8058, 23.9209** is the 20% darker color. If you saturate the color by 10%, you get **49.0960, 41.0728, 39.9325**, and if you desaturate by 10%, it is **61.7985, 60.1455, 63.6881**.

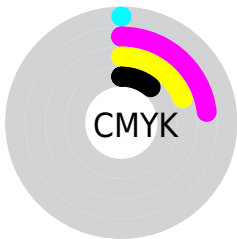
Distribution



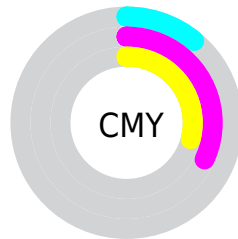
- Red (89%)
- Green (68%)
- Blue (71%)



- Red (89%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (23%)
- Yellow (19%)
- Black (11%)



- Cyan (11%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9436, 49.8183, 50.9760 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 54.9436, 49.8183, 50.9760 by changing the saturation by 10% instead.


 54.9436, 49.8183,
50.9760

 54.9436, 49.8183,
50.9760


395.8380,
385.9550, 407.3144

 39.5902, 35.2690,
35.8129


 96.6071, 89.9056,
93.0304

 27.4020, 23.8702,
24.0012

123.6480,
116.2124, 120.7589

 18.0135, 15.2374,
15.1223


155.3154,
147.2073, 153.5128

 11.0594, 8.9861,
8.7577

191.9747,
183.2745, 191.7108

 6.1744, 4.7321,
4.4888

233.9912,
224.7984, 235.7715

 2.9931, 2.0910,
1.8972

281.7304,

 1.1501, 0.6595,

272.1636, 286.1133

0.4909

335.5575,
325.7543, 343.1547

■ 0.0664, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9436, 49.8183,
50.9760

■ 54.9436, 49.8183,
50.9760

■ 49.0960, 41.0728,
39.9325

■ 61.7985, 60.1455,
63.6881

■ 44.2040, 33.8242,
30.4851

■ 69.7010, 72.1199,
78.1312

■ 40.2173, 27.9905,
22.5604

■ 78.6941, 85.8118,
94.3681

■ 37.0797, 23.4787,
16.0779

■ 85.1742, 94.9088,
108.4378

■ 34.7282, 20.1849,
10.9498

■ 33.0911, 17.9894,
7.0783

■ 32.0828, 16.7481,
4.3519

■ 31.6639, 16.2887,
3.0461

Harmonies

Analogous

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



54.5197, 49.8183, 62.0395



54.9436, 49.8183, 50.9760



53.2502, 49.8183, 42.0627

Triad

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



54.9436, 49.8183, 50.9760



42.8809, 49.8183, 39.5716



44.7970, 49.8183, 76.2668

Complementary

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



54.9436, 49.8183, 50.9760



57.3089, 68.4546, 76.5257

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.



41.9040, 49.8183, 68.5748



54.9436, 49.8183, 50.9760



40.8396, 49.8183, 47.1299

Square

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



54.9436, 49.8183, 50.9760



46.1956, 49.8183, 36.0830



40.4919, 49.8183, 57.6481



48.5251, 49.8183, 77.6586

Rectangle

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



54.9436, 49.8183, 50.9760



51.1991, 49.8183, 38.1745



40.4919, 49.8183, 57.6481



43.7003, 49.8183, 74.2874

Sweetspot

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



54.9450, 49.8206, 50.9770



87.2802, 88.2003, 94.7804



57.5796, 50.5684, 78.6778



18.5452, 18.6719, 20.0380



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.



54.9450, 49.8206, 50.9770



68.1004, 59.2962, 59.2369



57.7092, 56.6340, 47.9371



13.7927, 13.7347, 14.6787



18.0917, 9.3037, 1.8826



1.2811, 0.6557, 0.2730

Inverse Universe

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



54.9450, 49.8206, 50.9770



68.1004, 59.2962, 59.2369



53.9037, 59.9290, 80.6784



13.7927, 13.7347, 14.6787



18.0917, 9.3037, 1.8826



1.2811, 0.6557, 0.2730

Previews

White Background



This preview shows how the XYZ color 54.9436, 49.8183, 50.9760 looks on a white background.

Color Contrast Check

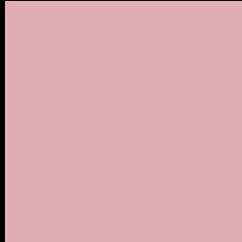
Large Text (above 18pt) WCAG AA × Fail

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 54.9436, 49.8183, 50.9760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

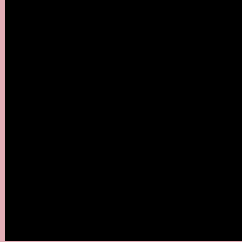
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9436, 49.8183, 50.9760

Background



This preview shows how black text looks on a background with the XYZ color 54.9436, 49.8183, 50.9760.



This preview shows how white text looks on a background with the XYZ color 54.9436, 49.8183,

50.9760.

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

54.9436, 49.8183, 50.9760

Protanopia

48.1908, 50.1619, 55.2864

Deuteranopia

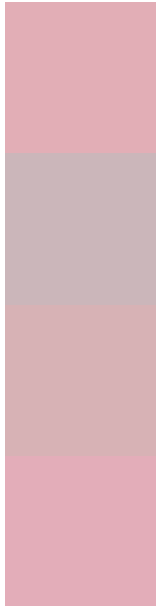
50.8768, 49.7938, 50.6457



Tritanopia

55.5918, 49.8059, 53.6972

Trichromacy



Original Color

54.9436, 49.8183, 50.9760

Protanomaly

50.2195, 49.6976, 53.4001

Deuteranomaly

52.2852, 49.6241, 50.5387

Tritanomaly

55.3791, 49.7208, 52.5772

Monochromacy



Original Color

54.9436, 49.8183, 50.9760

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.7387, 50.5653, 54.0996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9436, 49.8183, 50.9760 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 174, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 174, 182) }
```

Border

The CSS property to change the border of an element to XYZ 54.9436, 49.8183, 50.9760 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, 182) }
```


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

```
.border{ border-color:rgb(226, 174, 182) }
```

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, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 174, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 174, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 174,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9436, 49.8183, 50.9760 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, 182) }
```

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

```
.background{ background-color: rgb(226,  
174, 182) }
```

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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