

Converting Colors

XYZ(55.8630, 48.0613, 50.8293)

Have a look what the booklet for
XYZ(55.8630, 48.0613, 50.8293)
contains.

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Color

**XYZ(55.6840, 47.9735,
50.5809)**

Conversions

Conversions Part 1

Format	Color
Hex	E9A6B6
RGB	233, 166, 182
RGB Percent	91%, 65%, 71%
CMY	0.0863, 0.3490, 0.2863
CMYK	0.00, 0.29, 0.22, 0.09
HSL	346°, 60%, 78%
HSV	346°, 29%, 91%
XYZ	55.6840, 47.9735, 50.5809
YIQ	187.8570, 34.7960, 19.1800

Conversions

Conversions Part 2

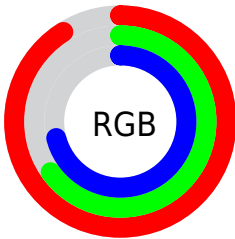
Format	Color
R _Y B	233, 166, 182
Decimal	15312566
CIE Lab	74.81, 26.96, 1.67
CIE LCh	75, 27.014, 3.545
Yxy	47.9735, 0.3610, 0.3110
Android (android.graphics.Color)	4293502646 (0xFFE9A6B6)
YUV	187.8570, -2.8875, 39.5904
Hunter-Lab	69.2629, 22.2952, 5.1861

Details

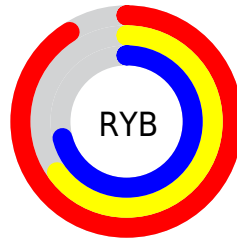
The XYZ color **55.6840, 47.9735, 50.5809** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.3912, 71.3958, 76.4051**, and the grayscale version is **47.7220, 50.2073, 54.6757**.

A 20% lighter version of the original color is **82.7939, 79.6756, 91.9041**, and **27.7721, 22.6253, 23.6723** is the 20% darker color. If you saturate the color by 10%, you get **50.1075, 39.5703, 40.2440**, and if you desaturate by 10%, it is **62.2627, 58.0086, 62.3985**.

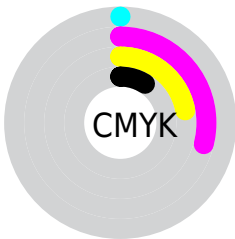
Distribution



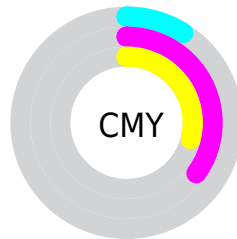
- Red (91%)
- Green (65%)
- Blue (71%)



- Red (91%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (29%)
- Yellow (22%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6840, 47.9735, 50.5809 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 55.6840, 47.9735, 50.5809 by changing the saturation by 10% instead.


 55.6840, 47.9735,
50.5809


 55.6840, 47.9735,
50.5809


398.5939,
378.6871, 405.7333

 40.1856, 33.8059,
35.5008


 97.6849, 87.1649,
92.4401

 27.8682, 22.7445,
23.7622


 124.9181,
112.9576, 120.0563

 18.3662, 14.4050,
14.9468


156.7937,
143.3940, 152.6882

 11.3145, 8.4029,
8.6358

193.6769,
178.8587, 190.7545

 6.3477, 4.3538,
4.4109

235.9332,
219.7359, 234.6735

 3.1003, 1.8734,
1.8533

283.9279,

 1.2070, 0.5323,

266.4101, 284.8640

0.4628

338.0264,
319.2657, 341.7444

■ 0.1119, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6840, 47.9735,
50.5809

■ 55.6840, 47.9735,
50.5809

■ 50.1075, 39.5703,
40.2440

■ 62.2627, 58.0086,
62.3985

■ 45.4791, 32.7059,
31.3254

■ 69.8860, 69.7487,
75.7497

■ 41.7455, 27.2882,
23.7627

■ 78.5989, 83.2710,
90.6885

■ 38.8464, 23.2122,
17.4872

■ 87.0860, 95.9323,
106.8131

■ 36.7138, 20.3588,
12.4240

■ 87.4144, 96.0637,
108.5427

■ 35.2683, 18.5876,
8.4899

■ 34.3957, 17.6907,
5.5837

■ 34.3092, 17.6056,
5.2840

Harmonies

Analogous

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



54.5825, 47.9735, 65.2296



55.6840, 47.9735, 50.5809



53.9270, 47.9735, 38.6734

Triad

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



55.6840, 47.9735, 50.5809



40.5769, 47.9735, 32.7857



41.5196, 47.9735, 80.3730

Complementary

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



55.6840, 47.9735, 50.5809



57.3912, 71.3958, 76.4051

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.



38.1729, 47.9735, 68.6455



55.6840, 47.9735, 50.5809



37.6567, 47.9735, 41.0921

Square

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



55.6840, 47.9735, 50.5809



45.0161, 47.9735, 29.6296



36.8089, 47.9735, 53.9247



46.1836, 47.9735, 84.1347

Rectangle

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



55.6840, 47.9735, 50.5809



51.4401, 47.9735, 33.3664



36.8089, 47.9735, 53.9247



40.2147, 47.9735, 77.1395

Sweetspot

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



55.6853, 47.9757, 50.5819



85.4742, 85.1468, 92.4569



56.7387, 47.7951, 83.3261



17.9858, 17.7472, 19.2529



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.



55.6853, 47.9757, 50.5819



63.8068, 52.0320, 53.7269



57.3708, 53.8429, 43.4482



15.2129, 15.1130, 16.4063



19.5080, 10.0059, 3.2105



1.5685, 0.8004, 0.4454

Inverse Universe

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



55.6853, 47.9757, 50.5819



63.8068, 52.0320, 53.7269



55.0556, 63.2317, 86.3944



15.2129, 15.1130, 16.4063



19.5080, 10.0059, 3.2105



1.5685, 0.8004, 0.4454

Previews

White Background



This preview shows how the XYZ color 55.6840, 47.9735, 50.5809 looks on a white background.

Color Contrast Check

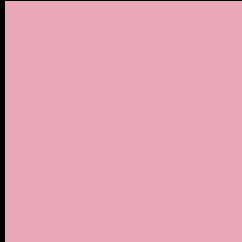
Large Text (above 18pt) WCAG AA × Fail

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 55.6840, 47.9735, 50.5809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

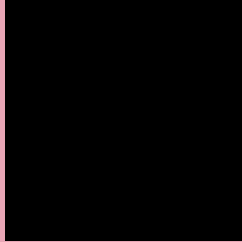
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6840, 47.9735, 50.5809

Background



This preview shows how black text looks on a background with the XYZ color 55.6840, 47.9735, 50.5809.



This preview shows how white text looks on a background with the XYZ color 55.6840, 47.9735,

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

55.6840, 47.9735, 50.5809

Protanopia

46.6976, 48.1118, 56.6945

Deuteranopia

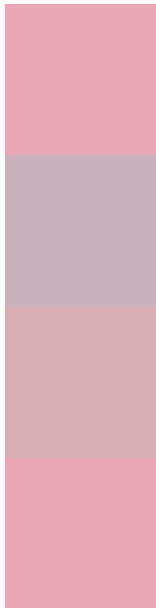
49.0605, 47.9734, 49.8541



Tritanopia

55.3772, 47.8507, 48.9652

Trichromacy



Original Color

55.6840, 47.9735, 50.5809

Protanomaly

49.4278, 47.7716, 54.1927

Deuteranomaly

51.5009, 48.0554, 50.2773

Tritanomaly

55.4787, 47.8914, 49.4999

Monochromacy



Original Color

55.6840, 47.9735, 50.5809

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.0860, 49.0251, 53.2773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6840, 47.9735, 50.5809 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(233, 166, 182)` looks like.

```
.text, #text, p{  
    color:rgb(233, 166, 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(233, 166, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 166, 182) }
```

Border

The CSS property to change the border of an element to XYZ 55.6840, 47.9735, 50.5809 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(233, 166, 182) }
```


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

```
.border{ border-color:rgb(233, 166, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 166, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 166, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 166, 182); box-shadow:4px 4px 4px 4px rgb(233, 166, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6840, 47.9735, 50.5809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 166, 182) }
```

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

```
.background{ background-color: rgb(233,  
166, 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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