

Converting Colors

XYZ(57.0007, 49.2875, 56.6692)

Have a look what the booklet for
XYZ(57.0007, 49.2875, 56.6692)
contains.

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Color

**XYZ(57.0923, 49.3820,
56.9747)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A9C1
RGB	232, 169, 193
RGB Percent	91%, 66%, 76%
CMY	0.0902, 0.3372, 0.2431
CMYK	0.00, 0.27, 0.17, 0.09
HSL	337°, 58%, 79%
HSV	337°, 27%, 91%
XYZ	57.0923, 49.3820, 56.9747
YIQ	190.5730, 29.8440, 20.8200

Conversions

Conversions Part 2

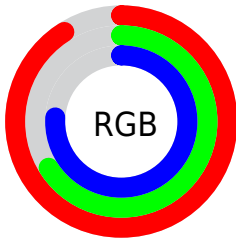
Format	Color
RYP	232, 169, 193
Decimal	15247809
CIELab	75.69, 26.67, -3.08
CIElCh	76, 26.843, 353.408
Yxy	49.3820, 0.3493, 0.3021
Android (android.graphics.Color)	4293437889 (0xFFE8A9C1)
YUV	190.5730, 1.1965, 36.3315
Hunter-Lab	70.2723, 22.0446, 1.1201

Details

The XYZ color **57.0923, 49.3820, 56.9747** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.6060, 70.7035, 70.3415**, and the grayscale version is **49.2565, 51.8217, 56.4338**.

A 20% lighter version of the original color is **85.2641, 81.9500, 100.9466**, and **28.6582, 23.4982, 27.8361** is the 20% darker color. If you saturate the color by 10%, you get **51.6280, 40.8939, 47.6285**, and if you desaturate by 10%, it is **63.4808, 59.4684, 67.3979**.

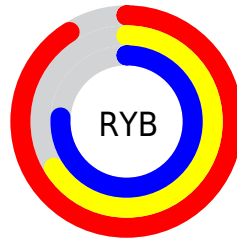
Distribution



Red (91%)

Green (66%)

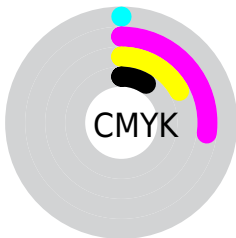
Blue (76%)



Red (91%)

Yellow (66%)

Blue (76%)

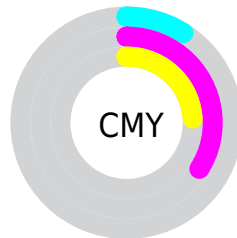


Cyan (0%)

Magenta (27%)

Yellow (17%)

Black (9%)



Cyan (9%)


Magenta (34%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0923, 49.3820, 56.9747 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 57.0923, 49.3820, 56.9747 by changing the saturation by 10% instead.


 57.0923, 49.3820,
56.9747


 57.0923, 49.3820,
56.9747


403.8037,
384.2442, 430.8456

 41.3198, 34.9226,
40.5757

 99.7304, 89.2585,
101.9282

 28.7578, 23.6033,
27.6705

 127.3268,
115.4445, 131.3199

 19.0410, 15.0396,
17.8406


159.5951,
146.3080, 165.8794

 11.8041, 8.8472,
10.6673

196.9007,
182.2336, 206.0255

 6.6817, 4.6416,
5.7323

239.6090,
223.6057, 252.1766

 3.3084, 2.0386,
2.6168

288.0854,

 1.3189, 0.6297,

270.8085, 304.7513

0.9011

342.6951,
324.2266, 364.1681

■ 0.1973, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0923, 49.3820,
56.9747

■ 57.0923, 49.3820,
56.9747

■ 51.6280, 40.8939,
47.6285

■ 63.4808, 59.4684,
67.3979

■ 47.0388, 33.9145,
39.3194

■ 70.8311, 71.2230,
78.9297

■ 43.2772, 28.3558,
32.0095

■ 79.1835, 84.7197,
91.6045

■ 40.2895, 24.1179,
25.6568

■ 86.3653, 95.6065,
104.7171

■ 38.0149, 21.0877,
20.2160

■ 87.0889, 95.8959,
108.5274

■ 36.3829, 19.1325,
15.6367

■ 35.3026, 18.0801,
11.8603

■ 35.0558, 17.8667,
10.9144

Harmonies

Analogous

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



55.0414, 49.3820, 71.8049



57.0923, 49.3820, 56.9747



56.2714, 49.3820, 43.6046

Triad

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



57.0923, 49.3820, 56.9747



43.2382, 49.3820, 32.3459



41.4626, 49.3820, 78.8950

Complementary

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



57.0923, 49.3820, 56.9747



56.6060, 70.7035, 70.3415

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.



38.6950, 49.3820, 65.4007



57.0923, 49.3820, 56.9747



39.6684, 49.3820, 39.0378

Square

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



57.0923, 49.3820, 56.9747



48.0426, 49.3820, 30.8909



38.0620, 49.3820, 50.6851



45.8467, 49.3820, 85.8258

Rectangle

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



57.0923, 49.3820, 56.9747



54.2326, 49.3820, 37.0571



38.0620, 49.3820, 50.6851



40.3253, 49.3820, 74.8728

Sweetspot

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



57.0937, 49.3843, 56.9757



86.9167, 86.8810, 96.4852



54.7256, 47.5928, 82.6464



18.2957, 18.1016, 20.1741



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.



57.0937, 49.3843, 56.9757



66.5426, 54.6364, 63.4785



56.0359, 51.2108, 44.4702



14.6030, 14.4584, 16.1099



19.5182, 9.9415, 6.3579



1.4865, 0.7523, 0.7022

Inverse Universe

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



57.0937, 49.3843, 56.9757



66.5426, 54.6364, 63.4785



57.7600, 67.9239, 86.4107



14.6030, 14.4584, 16.1099



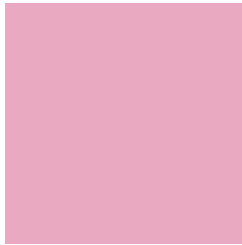
19.5182, 9.9415, 6.3579



1.4865, 0.7523, 0.7022

Previews

White Background



This preview shows how the XYZ color 57.0923, 49.3820, 56.9747 looks on a white background.

Color Contrast Check

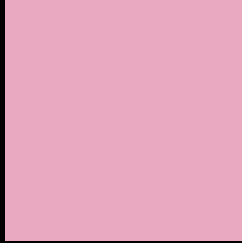
Large Text (above 18pt) WCAG AA × Fail

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 57.0923, 49.3820, 56.9747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

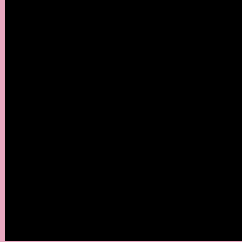
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0923, 49.3820, 56.9747

Background



This preview shows how black text looks on a background with the XYZ color 57.0923, 49.3820, 56.9747.



This preview shows how white text looks on a background with the XYZ color 57.0923, 49.3820,

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

57.0923, 49.3820, 56.9747

Protanopia

48.3460, 49.7439, 63.5533

Deuteranopia

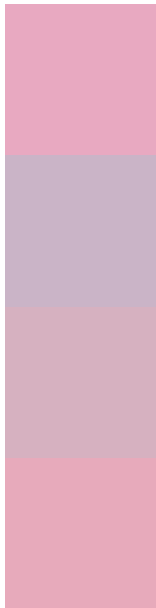
50.5564, 49.5058, 56.1812



Tritanopia

56.1696, 49.5754, 51.9560

Trichromacy



Original Color

57.0923, 49.3820, 56.9747

Protanomaly

50.9872, 49.3226, 60.8657

Deuteranomaly

52.9681, 49.5462, 56.6408

Tritanomaly

56.2994, 49.3262, 53.5673

Monochromacy



Original Color

57.0923, 49.3820, 56.9747

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.9015, 50.7946, 56.9380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0923, 49.3820, 56.9747 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(232, 169, 193)` looks like.

```
.text, #text, p{  
    color:rgb(232, 169, 193)  
}
```

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(232, 169, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 169, 193) }
```

Border

The CSS property to change the border of an element to XYZ 57.0923, 49.3820, 56.9747 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(232, 169, 193) }
```


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

```
.border{ border-color:rgb(232, 169, 193) }
```

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

Here you see how a box with a 4 pixel rgb(232, 169, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 169, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 169, 193);  
box-shadow:4px 4px 4px 4px rgb(232, 169,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0923, 49.3820, 56.9747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 169, 193) }
```

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

```
.background{ background-color: rgb(232,  
169, 193) }
```

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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