

Converting Colors

XYZ(49.1578, 40.9208, 43.8357)

Have a look what the booklet for
XYZ(49.1578, 40.9208, 43.8357)
contains.

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Color

**XYZ(49.1578, 40.9208,
43.8357)**

Conversions

Conversions Part 1

Format	Color
Hex	E097AB
RGB	224, 151, 171
RGB Percent	88%, 59%, 67%
CMY	0.1216, 0.4078, 0.3294
CMYK	0.00, 0.33, 0.24, 0.12
HSL	344°, 54%, 74%
HSV	344°, 33%, 88%
XYZ	49.1578, 40.9208, 43.8357
YIQ	175.1070, 37.0880, 21.6960

Conversions

Conversions Part 2

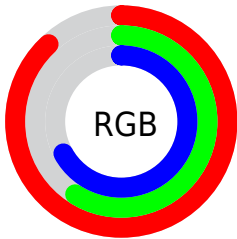
Format	Color
RYB	224, 151, 171
Decimal	14718891
CIELab	70.12, 30.14, 0.80
CIELCh	70, 30.150, 1.529
Yxy	40.9208, 0.3671, 0.3056
Android (android.graphics.Color)	4292908971 (0xFFE097AB)
YUV	175.1070, -2.0248, 42.8792
Hunter-Lab	63.9694, 25.2234, 4.1494

Details

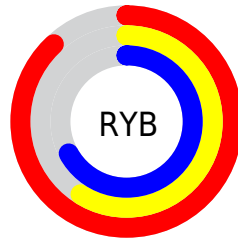
The XYZ color **49.1578, 40.9208, 43.8357** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.3190, 64.2513, 66.8796**, and the grayscale version is **40.8007, 42.9255, 46.7458**.

A 20% lighter version of the original color is **77.0388, 70.8936, 81.5750**, and **23.7280, 18.4711, 19.7674** is the 20% darker color. If you saturate the color by 10%, you get **44.4334, 33.8019, 35.0772**, and if you desaturate by 10%, it is **54.7602, 49.4896, 53.8289**.

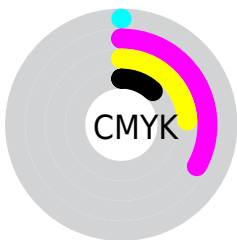
Distribution



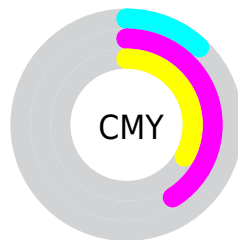
- Red (88%)
- Green (59%)
- Blue (67%)



- Red (88%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (24%)
- Black (12%)





- Cyan (12%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1578, 40.9208, 43.8357 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 49.1578, 40.9208, 43.8357 by changing the saturation by 10% instead.


 49.1578, 40.9208,
43.8357


 49.1578, 40.9208,
43.8357


373.8699,
349.9895, 378.0591

 34.9597, 28.2572,
30.2051


 88.1251, 76.5637,
82.2703

 23.7982, 18.5196,
19.7410


 113.6250,
100.3117, 107.9114

 15.3079, 11.3237,
12.0247


143.6229,
128.5233, 138.3931

 9.1235, 6.2850,
6.6377

178.4842,
161.5830, 174.1339

 4.8796, 3.0191,
3.1616

218.5742,
199.8750, 215.5523

 2.2108, 1.1417,
1.1777

264.2582,

 0.7484, 0.0133,

243.7839, 263.0670

0.0000

315.9017,
293.6939, 317.0964

■ 0.0000, 0.0000,
0.0000

■ 49.1578, 40.9208,
43.8357

■ 49.1578, 40.9208,
43.8357

■ 44.4334, 33.8019,
35.0772

■ 54.7602, 49.4896,
53.8289

■ 40.5377, 28.0466,
27.5017

■ 61.2794, 59.5767,
65.1008

■ 37.4217, 23.5682,
21.0571

■ 68.7563, 71.2533,
77.6960

■ 35.0298, 20.2678,
15.6865

■ 77.2280, 84.5843,
91.6565

■ 33.2982, 18.0315,
11.3272

■ 84.1223, 94.4160,
106.1530

■ 32.1515, 16.7227,
7.9093

■ 84.5506, 94.5874,
108.4086

■ 31.5927, 16.1882,
5.9254

Harmonies

Analogous

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



47.8339, 40.9208, 58.7878



49.1578, 40.9208, 43.8357



47.5443, 40.9208, 31.8164

Triad

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



49.1578, 40.9208, 43.8357



34.1457, 40.9208, 25.1938



34.5487, 40.9208, 72.9272

Complementary

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



49.1578, 40.9208, 43.8357



50.3190, 64.2513, 66.8796

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.



31.3622, 40.9208, 60.3093



49.1578, 40.9208, 43.8357



31.1437, 40.9208, 32.8288

Square

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



49.1578, 40.9208, 43.8357



38.6417, 40.9208, 22.5583



30.1686, 40.9208, 45.2837



39.1473, 40.9208, 77.5680

Rectangle

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



49.1578, 40.9208, 43.8357



45.0929, 40.9208, 26.5051



30.1686, 40.9208, 45.2837



33.2909, 40.9208, 69.3629

Sweetspot

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



49.1589, 40.9227, 43.8365



84.6088, 83.6601, 91.4156



49.2376, 40.2582, 75.6969



17.8185, 17.4531, 19.0722



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.



49.1589, 40.9227, 43.8365



61.5787, 48.2964, 50.7630



50.1130, 45.6539, 35.4514



13.8607, 13.7619, 15.0367



18.4308, 9.4393, 3.6683



1.3147, 0.6691, 0.4499

Inverse Universe

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



49.1589, 40.9227, 43.8365



61.5787, 48.2964, 50.7630



48.8192, 57.1637, 78.9821



13.8607, 13.7619, 15.0367



18.4308, 9.4393, 3.6683



1.3147, 0.6691, 0.4499

Previews

White Background



This preview shows how the XYZ color 49.1578, 40.9208, 43.8357 looks on a white background.

Color Contrast Check

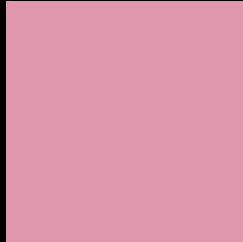
Large Text (above 18pt) WCAG AA × Fail

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 49.1578, 40.9208, 43.8357 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 49.1578, 40.9208, 43.8357

Background



This preview shows how black text looks on a background with the XYZ color 49.1578, 40.9208, 43.8357.



This preview shows how white text looks on a background with the XYZ color 49.1578, 40.9208,

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

49.1578, 40.9208, 43.8357

Protanopia

40.1234, 41.3154, 50.6597

Deuteranopia

41.9393, 41.0467, 42.7582



Tritanopia

48.3605, 40.8248, 40.4531

Trichromacy



Original Color

49.1578, 40.9208, 43.8357

Protanomaly

42.8980, 40.8820, 48.2779

Deuteranomaly

44.2634, 40.9109, 43.0998

Tritanomaly

48.6347, 40.9345, 41.8970

Monochromacy



Original Color

49.1578, 40.9208, 43.8357

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.2685, 41.6659, 45.8062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1578, 40.9208, 43.8357 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(224, 151, 171)` looks like.

```
.text, #text, p{  
    color:rgb(224, 151, 171)  
}
```

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(224, 151, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 151, 171) }
```

Border

The CSS property to change the border of an element to XYZ 49.1578, 40.9208, 43.8357 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(224, 151, 171) }
```


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

```
.border{ border-color:rgb(224, 151, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 151, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 151, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 151, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 151,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1578, 40.9208, 43.8357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 151, 171) }
```

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

```
.background{ background-color: rgb(224,  
151, 171) }
```

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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