

Converting Colors

XYZ(48.9106, 40.8586, 40.9075)

Have a look what the booklet for
XYZ(48.9106, 40.8586, 40.9075)
contains.

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Color

**XYZ(48.9095, 40.8574,
40.9058)**

Conversions

Conversions Part 1

Format	Color
Hex	E197A5
RGB	225, 151, 165
RGB Percent	88%, 59%, 65%
CMY	0.1176, 0.4078, 0.3529
CMYK	0.00, 0.33, 0.27, 0.12
HSL	349°, 55%, 74%
HSV	349°, 33%, 88%
XYZ	48.9095, 40.8574, 40.9058
YIQ	174.7220, 39.6100, 20.0420

Conversions

Conversions Part 2

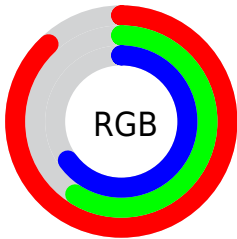
Format	Color
R _Y B	225, 151, 165
Decimal	14784421
CIE Lab	70.08, 29.65, 4.09
CIE LCh	70, 29.936, 7.860
Yxy	40.8574, 0.3743, 0.3127
Android (android.graphics.Color)	4292974501 (0xFFE197A5)
YUV	174.7220, -4.7929, 44.0938
Hunter-Lab	63.9198, 24.7232, 6.8009

Details

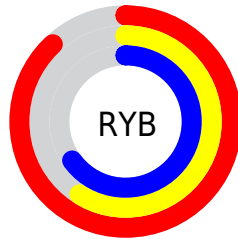
The XYZ color **48.9095, 40.8574, 40.9058** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4474, 65.1339, 71.4918**, and the grayscale version is **40.6145, 42.7296, 46.5326**.

A 20% lighter version of the original color is **76.2296, 70.5699, 77.3138**, and **23.5909, 18.4408, 17.9388** is the 20% darker color. If you saturate the color by 10%, you get **44.0841, 33.6772, 31.6806**, and if you desaturate by 10%, it is **54.6650, 49.5182, 51.6107**.

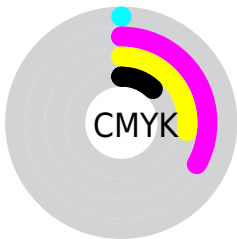
Distribution



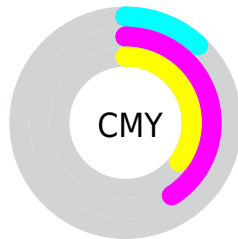
- Red (88%)
- Green (59%)
- Blue (65%)



- Red (88%)
- Yellow (59%)
- Blue (65%)



- Cyan (0%)
- Magenta (33%)
- Yellow (27%)
- Black (12%)



- Cyan (12%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9095, 40.8574, 40.9058 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 48.9095, 40.8574, 40.9058 by changing the saturation by 10% instead.

48.9095, 40.8574,
40.9058

48.9095, 40.8574,
40.9058

372.9088,
349.7243, 365.5917

34.7619, 28.2077,
27.9263

87.7586, 76.4674,
77.7930

23.6452, 18.4823,
18.0316

113.1908,
100.1964, 102.5378

15.1939, 11.2968,
10.8030

143.1152,
128.3874, 132.0415

9.0428, 6.2668,
5.8220

177.8973,
161.4246, 166.7226

4.8265, 3.0080,
2.6701

217.9023,
199.6925, 206.9996

2.1795, 1.1359,
0.9283

263.4957,

0.7319, 0.0084,

243.5755, 253.2911

0.0000

315.0427,
293.4579, 306.0156

0.0000, 0.0000,
0.0000

48.9095, 40.8574,
40.9058

48.9095, 40.8574,
40.9058

44.0841, 33.6772,
31.6806

54.6650, 49.5182,
51.6107

40.1362, 27.8889,
23.8670

61.3930, 59.7302,
63.8543

37.0126, 23.4034,
17.3950

69.1373, 71.5664,
77.6955

34.6533, 20.1188,
12.1875

77.9380, 85.0935,
93.1894

32.9894, 17.9178,
8.1594

84.8615, 94.7476,
108.4232

■ 31.9393, 16.6594,
5.2142

■ 31.4794, 16.1788,
3.7068

Harmonies

Analogous

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



48.2076, 40.8574, 55.4232



48.9095, 40.8574, 40.9058



46.7379, 40.8574, 29.9255

Triad

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



48.9095, 40.8574, 40.9058



33.3456, 40.8574, 26.4376



35.3978, 40.8574, 74.3719

Complementary

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



48.9095, 40.8574, 40.9058



51.4474, 65.1339, 71.4918

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.



31.8751, 40.8574, 63.1389



48.9095, 40.8574, 40.9058



30.7613, 40.8574, 35.0929

Square

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



48.9095, 40.8574, 40.9058



37.5624, 40.8574, 22.7927



30.2465, 40.8574, 48.2708



40.1335, 40.8574, 76.8384

Rectangle

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



48.9095, 40.8574, 40.9058



44.0521, 40.8574, 25.3633



30.2465, 40.8574, 48.2708



34.0446, 40.8574, 71.3972

Sweetspot

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



48.9106, 40.8593, 40.9066



84.2956, 83.5348, 89.7665



51.2939, 41.3026, 76.5031



17.7432, 17.4230, 18.6758



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.



48.9106, 40.8593, 40.9066



60.7282, 47.9562, 46.2844



51.6206, 48.2077, 35.8649



13.8126, 13.7427, 14.7835



18.1716, 9.3357, 2.3036



1.2905, 0.6595, 0.3224

Inverse Universe

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



48.9106, 40.8593, 40.9066



60.7282, 47.9562, 46.2844



47.6634, 54.6345, 79.2678



13.8126, 13.7427, 14.7835



18.1716, 9.3357, 2.3036



1.2905, 0.6595, 0.3224

Previews

White Background



This preview shows how the XYZ color 48.9095, 40.8574, 40.9058 looks on a white background.

Color Contrast Check

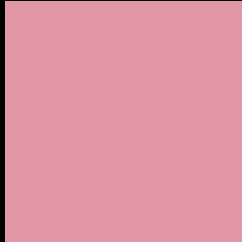
Large Text (above 18pt) WCAG AA × Fail

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 48.9095, 40.8574, 40.9058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

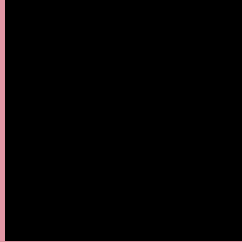
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9095, 40.8574, 40.9058

Background



This preview shows how black text looks on a background with the XYZ color 48.9095, 40.8574, 40.9058.



This preview shows how white text looks on a background with the XYZ color 48.9095, 40.8574,

40.9058.

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

48.9095, 40.8574, 40.9058

Protanopia

39.6330, 41.1446, 46.9271

Deuteranopia

41.8960, 41.0875, 39.9049



Tritanopia

48.7288, 40.7851, 39.9544

Trichromacy



Original Color

48.9095, 40.8574, 40.9058

Protanomaly

42.4601, 40.7359, 44.6547

Deuteranomaly

44.2576, 40.9715, 40.2260

Tritanomaly

48.8188, 40.8211, 40.4282

Monochromacy



Original Color

48.9095, 40.8574, 40.9058

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.9792, 41.5502, 44.2828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9095, 40.8574, 40.9058 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(225, 151, 165)` looks like.

```
.text, #text, p{  
    color:rgb(225, 151, 165)  
}
```

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(225, 151, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 151, 165) }
```

Border

The CSS property to change the border of an element to XYZ 48.9095, 40.8574, 40.9058 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(225, 151, 165) }
```


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

```
.border{ border-color:rgb(225, 151, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 151, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 151, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 151, 165);  
box-shadow:4px 4px 4px 4px rgb(225, 151,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9095, 40.8574, 40.9058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 151, 165) }
```

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

```
.background{ background-color: rgb(225,  
151, 165) }
```

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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