

Converting Colors

XYZ(49.2418, 45.9236, 57.2501)

Have a look what the booklet for
XYZ(49.2418, 45.9236, 57.2501)
contains.

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Color

**XYZ(49.2024, 45.8582,
57.2972)**

Conversions

Conversions Part 1

Format	Color
Hex	CCABC2
RGB	204, 171, 194
RGB Percent	80%, 67%, 76%
CMY	0.2000, 0.3294, 0.2392
CMYK	0.00, 0.16, 0.05, 0.20
HSL	318°, 24%, 74%
HSV	318°, 16%, 80%
XYZ	49.2024, 45.8582, 57.2972
YIQ	183.4890, 12.2850, 14.1490

Conversions

Conversions Part 2

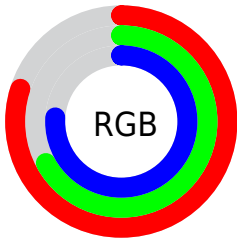
Format	Color
R_{YB}	204, 171, 194
Decimal	13413314
CIE _{Lab}	73.45, 15.89, -7.24
CIE _{LCh}	73, 17.465, 335.515
Yxy	45.8582, 0.3229, 0.3010
Android (android.graphics.Color)	4291603394 (0xFFCCABC2)
YUV	183.4890, 5.1819, 17.9881
Hunter-Lab	67.7187, 11.1851, -2.7626

Details

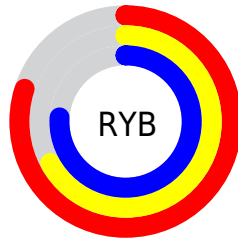
The XYZ color **49.2024, 45.8582, 57.2972** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7298, 55.1813, 51.9068**, and the grayscale version is **45.2471, 47.6034, 51.8402**.

A 20% lighter version of the original color is **85.6917, 82.5548, 101.8607**, and **23.9081, 21.5711, 27.7145** is the 20% darker color. If you saturate the color by 10%, you get **44.9628, 38.4667, 52.5294**, and if you desaturate by 10%, it is **54.0682, 54.4547, 62.4174**.

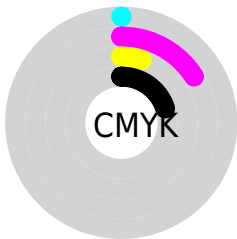
Distribution



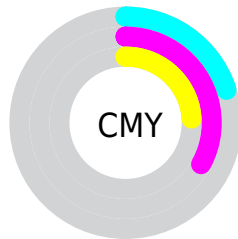
- Red (80%)
- Green (67%)
- Blue (76%)



- Red (80%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2024, 45.8582, 57.2972 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 49.2024, 45.8582, 57.2972 by changing the saturation by 10% instead.

■ 49.2024, 45.8582,
57.2972

■ 49.2024, 45.8582,
57.2972

374.0423,
370.2383, 432.0869

■ 34.9953, 32.1339,
40.8329

■ 88.1909, 84.0067,
102.4033

■ 23.8257, 21.4638,
27.8699

113.7030,
109.1998, 131.8823

■ 15.3284, 13.4635,
17.9894

143.7141,
138.9846, 166.5366

■ 9.1380, 7.7485,
10.7730

178.5895,
173.7455, 206.7848

■ 4.8891, 3.9344,
5.8022

218.6948,
213.8670, 253.0454

■ 2.2165, 1.6369,
2.6583

264.3951,

■ 0.7514, 0.3823,

259.7333, 305.7369

0.9223

316.0558,
311.7289, 365.2779

■ 0.0000, 0.0000,
0.0000

■ 49.2024, 45.8582,
57.2972

■ 49.2024, 45.8582,
57.2972

■ 44.9628, 38.4667,
52.5294

■ 54.0682, 54.4547,
62.4174

■ 41.3180, 32.2196,
48.1002

■ 59.5821, 64.3011,
67.8972

■ 38.2395, 27.0602,
43.9989

■ 65.7697, 75.4475,
73.7475

■ 35.6952, 22.9245,
40.2129

■ 72.6539, 87.9394,
79.9775

■ 33.6493, 19.7418,
36.7286

■ 74.2412, 89.7891,
84.5910

■ 32.0618, 17.4323,
33.5308

■ 75.0997, 90.1326,
89.1123

■ 30.8857, 15.9031,
30.6019

■ 75.9892, 90.4884,
93.7961

■ 30.0624, 15.0371,
27.9204

■ 76.9098, 90.8566,
98.6440

■ 29.7979, 14.7958,
26.9455

■ 77.8619, 91.2374,
103.6577

Harmonies

Analogous

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



47.1189, 45.8582, 65.0507



49.2024, 45.8582, 57.2972



49.7522, 45.8582, 48.3192

Triad

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



49.2024, 45.8582, 57.2972



43.0201, 45.8582, 34.8791



38.9414, 45.8582, 60.4483

Complementary

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



49.2024, 45.8582, 57.2972



46.7298, 55.1813, 51.9068

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.



37.9531, 45.8582, 51.5799



49.2024, 45.8582, 57.2972



40.2358, 45.8582, 37.3582

Square

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



49.2024, 45.8582, 57.2972



46.0880, 45.8582, 36.0306



38.4157, 45.8582, 43.2263



41.1779, 45.8582, 67.0148

Rectangle

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



49.2024, 45.8582, 57.2972



49.1536, 45.8582, 42.9756



38.4157, 45.8582, 43.2263



38.4571, 45.8582, 57.6007

Sweetspot

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



49.2037, 45.8602, 57.2982



90.5006, 91.8868, 104.3452



44.4965, 43.2994, 63.1400



19.2388, 19.4327, 22.1998



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.



49.2037, 45.8602, 57.2982



79.2192, 71.9780, 92.4025



47.4622, 45.1636, 48.1272



11.5371, 11.3436, 13.3630



18.7978, 9.3297, 17.1859



1.0025, 0.4944, 1.0589

Inverse Universe

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



49.2037, 45.8602, 57.2982



79.2192, 71.9780, 92.4025



48.5130, 55.8945, 61.2970



11.5371, 11.3436, 13.3630



18.7978, 9.3297, 17.1859



1.0025, 0.4944, 1.0589

Previews

White Background



This preview shows how the XYZ color 49.2024, 45.8582, 57.2972 looks on a white background.

Color Contrast Check

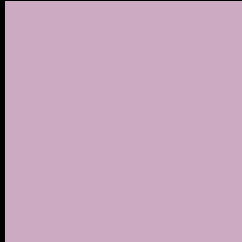
Large Text (above 18pt) WCAG AA × Fail

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 49.2024, 45.8582, 57.2972 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 49.2024, 45.8582, 57.2972

Background



This preview shows how black text looks on a background with the XYZ color 49.2024, 45.8582, 57.2972.



This preview shows how white text looks on a background with the XYZ color 49.2024, 45.8582,

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

49.2024, 45.8582, 57.2972

Protanopia

44.7890, 45.8287, 60.5180

Deuteranopia

46.6938, 45.7167, 56.8152



Tritanopia

48.2441, 45.7467, 52.7416

Trichromacy



Original Color

49.2024, 45.8582, 57.2972

Protanomaly

46.0969, 45.6467, 59.2044

Deuteranomaly

47.5266, 45.8581, 56.7987

Tritanomaly

48.5664, 45.8757, 54.4393

Monochromacy



Original Color

49.2024, 45.8582, 57.2972

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.5756, 46.9044, 53.6124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2024, 45.8582, 57.2972 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(204, 171, 194)` looks like.

```
.text, #text, p{  
    color:rgb(204, 171, 194)  
}
```

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(204, 171, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 171, 194) }
```

Border

The CSS property to change the border of an element to XYZ 49.2024, 45.8582, 57.2972 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(204, 171, 194) }
```


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

```
.border{ border-color:rgb(204, 171, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 171, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 171, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 171, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 171,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2024, 45.8582, 57.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 171, 194) }
```

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

```
.background{ background-color: rgb(204,  
171, 194) }
```

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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