

Converting Colors

XYZ(49.7434, 45.5084, 55.1053)

Have a look what the booklet for
XYZ(49.7434, 45.5084, 55.1053)
contains.

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Color

**XYZ(49.7767, 45.6489,
54.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A9BE
RGB	209, 169, 190
RGB Percent	82%, 66%, 75%
CMY	0.1804, 0.3372, 0.2549
CMYK	0.00, 0.19, 0.09, 0.18
HSL	329°, 30%, 74%
HSV	329°, 19%, 82%
XYZ	49.7767, 45.6489, 54.9028
YIQ	183.3540, 17.0990, 15.0110

Conversions

Conversions Part 2

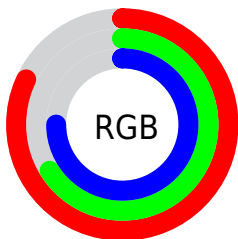
Format	Color
R_{YB}	209, 169, 190
Decimal	13740478
CIE Lab	73.32, 18.04, -5.19
CIE LCh	73, 18.770, 343.942
Yxy	45.6489, 0.3311, 0.3037
Android (android.graphics.Color)	4291930558 (0xFFD1A9BE)
YUV	183.3540, 3.2765, 22.4915
Hunter-Lab	67.5640, 13.2701, -0.8846

Details

The XYZ color **49.7767, 45.6489, 54.9028** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.2415, 57.6680, 56.1680**, and the grayscale version is **45.1811, 47.5340, 51.7646**.

A 20% lighter version of the original color is **84.5302, 81.2251, 98.4116**, and **24.2031, 21.3987, 26.5216** is the 20% darker color. If you saturate the color by 10%, you get **45.1467, 38.0664, 48.1869**, and if you desaturate by 10%, it is **55.1047, 54.5080, 62.2172**.

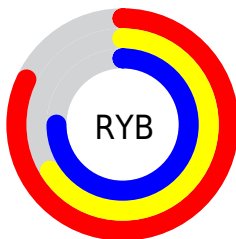
Distribution



Red (82%)

Green (66%)

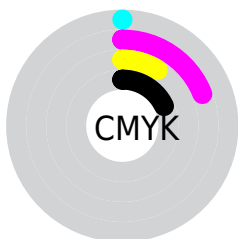
Blue (75%)



Red (82%)

Yellow (66%)

Blue (75%)

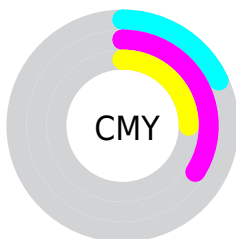


Cyan (0%)

Magenta (19%)

Yellow (9%)

Black (18%)



Cyan (18%)

Magenta (34%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7767, 45.6489, 54.9028 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 49.7767, 45.6489, 54.9028 by changing the saturation by 10% instead.


 49.7767, 45.6489,
54.9028

 49.7767, 45.6489,
54.9028


376.2585,
369.3953, 422.8149

 35.4531, 31.9688,
38.9258

 89.0377, 83.6933,
98.8682

 24.1802, 21.3377,
26.3946


 114.7059,
108.8264, 127.6938

 15.5928, 13.3711,
16.8907


144.8862,
138.5461, 161.6393

 9.3255, 7.6846,
9.9955

179.9441,
173.2366, 201.1233

 5.0129, 3.8938,
5.2904

220.2449,
213.2824, 246.5643

 2.2897, 1.6143,
2.3569

266.1540,

 0.7894, 0.3672,

259.0678, 298.3809

0.7628

318.0368,
310.9773, 356.9916

■ 0.0000, 0.0000,
0.0000

■ 49.7767, 45.6489,
54.9028

■ 49.7767, 45.6489,
54.9028

■ 45.1467, 38.0664,
48.1869

■ 55.1047, 54.5080,
62.2172

■ 41.1800, 31.6948,
42.0491

■ 61.1558, 64.6932,
70.1438

■ 37.8443, 26.4720,
36.4718

■ 67.9584, 76.2588,
78.6995

■ 35.1034, 22.3276,
31.4352

■ 75.5384, 89.2541,
87.8996

■ 32.9169, 19.1834,
26.9178

■ 77.7300, 91.3455,
95.6951

■ 31.2390, 16.9508,
22.8963

■ 79.2430, 91.9507,
103.6624

■ 30.0161, 15.5248,
19.3441

■ 80.1048, 92.2955,
108.2006

■ 29.1602, 14.7329,
16.2230

■ 29.0938, 14.6751,
15.9703

Harmonies

Analogous

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



47.9424, 45.6489, 63.9730



49.7767, 45.6489, 54.9028



49.8432, 45.6489, 45.4522

Triad

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



49.7767, 45.6489, 54.9028



41.8768, 45.6489, 34.0687



38.9769, 45.6489, 63.4129

Complementary

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



49.7767, 45.6489, 54.9028



48.2415, 57.6680, 56.1680

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.



37.5155, 45.6489, 54.2128



49.7767, 45.6489, 54.9028



39.1314, 45.6489, 37.7320

Square

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



49.7767, 45.6489, 54.9028



45.1671, 45.6489, 34.2039



37.5706, 45.6489, 44.8440



41.6560, 45.6489, 69.2955

Rectangle

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



49.7767, 45.6489, 54.9028



48.8686, 45.6489, 40.2308



37.5706, 45.6489, 44.8440



38.3331, 45.6489, 60.5582

Sweetspot

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



49.7780, 45.6509, 54.9038



89.2135, 90.1644, 101.2904



46.3554, 43.6307, 66.3006



18.9649, 19.0798, 21.5076



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.



49.7780, 45.6509, 54.9038



74.9433, 66.4517, 81.6500



47.7714, 44.8483, 44.3368



12.0643, 11.9104, 13.6142



17.9884, 9.0682, 10.1111



1.0458, 0.5230, 0.7758

Inverse Universe

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



49.7780, 45.6509, 54.9038



74.9433, 66.4517, 81.6500



50.5082, 58.5747, 68.1044



12.0643, 11.9104, 13.6142



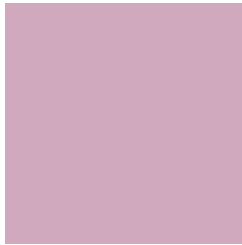
17.9884, 9.0682, 10.1111



1.0458, 0.5230, 0.7758

Previews

White Background



This preview shows how the XYZ color 49.7767, 45.6489, 54.9028 looks on a white background.

Color Contrast Check

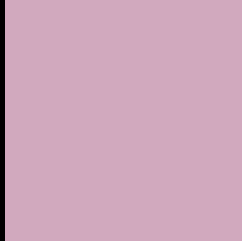
Large Text (above 18pt) WCAG AA × Fail

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 49.7767, 45.6489, 54.9028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

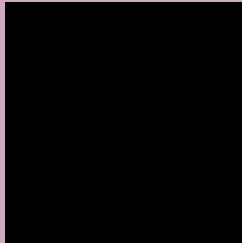
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.7767, 45.6489, 54.9028

Background



This preview shows how black text looks on a background with the XYZ color 49.7767, 45.6489, 54.9028.



This preview shows how white text looks on a background with the XYZ color 49.7767, 45.6489,

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

49.7767, 45.6489, 54.9028

Protanopia

44.6743, 45.8094, 58.7121

Deuteranopia

46.7634, 45.8034, 54.5204



Tritanopia

48.9344, 45.5782, 51.0181

Trichromacy



Original Color

49.7767, 45.6489, 54.9028

Protanomaly

46.3028, 45.5021, 57.3813

Deuteranomaly

47.6821, 45.7034, 54.4526

Tritanomaly

49.2501, 45.7045, 52.6805

Monochromacy



Original Color

49.7767, 45.6489, 54.9028

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.5215, 46.5924, 52.9957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7767, 45.6489, 54.9028 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(209, 169, 190)` looks like.

```
.text, #text, p{  
    color:rgb(209, 169, 190)  
}
```

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(209, 169, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 169, 190) }
```

Border

The CSS property to change the border of an element to XYZ 49.7767, 45.6489, 54.9028 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(209, 169, 190) }
```


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

```
.border{ border-color:rgb(209, 169, 190) }
```

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

Here you see how a box with a 4 pixel rgb(209, 169, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 169, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 169, 190);  
box-shadow:4px 4px 4px 4px rgb(209, 169,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7767, 45.6489, 54.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 169, 190) }
```

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

```
.background{ background-color: rgb(209,  
169, 190) }
```

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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