

Converting Colors

XYZ(50.5594, 44.5340, 52.0816)

Have a look what the booklet for
XYZ(50.5594, 44.5340, 52.0816)
contains.

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Color

**XYZ(50.4694, 44.4489,
51.8184)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A3B9
RGB	217, 163, 185
RGB Percent	85%, 64%, 73%
CMY	0.1490, 0.3608, 0.2745
CMYK	0.00, 0.25, 0.15, 0.15
HSL	336°, 42%, 75%
HSV	336°, 25%, 85%
XYZ	50.4694, 44.4489, 51.8184
YIQ	181.6540, 25.1220, 18.2900

Conversions

Conversions Part 2

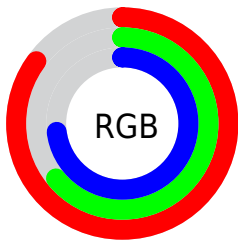
Format	Color
R _Y B	217, 163, 185
Decimal	14263225
CIE Lab	72.53, 23.30, -3.51
CIE LCh	73, 23.566, 351.422
Yxy	44.4489, 0.3439, 0.3029
Android (android.graphics.Color)	4292453305 (0xFFD9A3B9)
YUV	181.6540, 1.6496, 30.9984
Hunter-Lab	66.6700, 18.4525, 0.5866

Details

The XYZ color **50.4694, 44.4489, 51.8184** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.7692, 61.3535, 60.8520**, and the grayscale version is **44.2581, 46.5630, 50.7071**.

A 20% lighter version of the original color is **82.1886, 77.7537, 93.8952**, and **24.5472, 20.6119, 24.5145** is the 20% darker color. If you saturate the color by 10%, you get **45.6453, 36.8757, 43.8126**, and if you desaturate by 10%, it is **56.0799, 53.3974, 60.6932**.

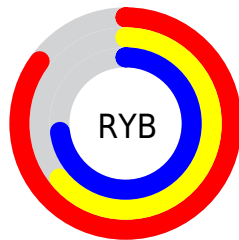
Distribution



Red (85%)

Green (64%)

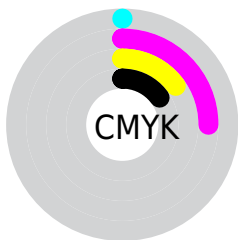
Blue (73%)



Red (85%)

Yellow (64%)

Blue (73%)

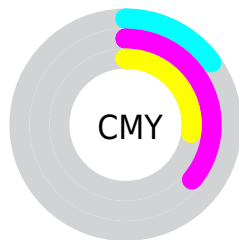


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (15%)



Cyan (15%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4694, 44.4489, 51.8184 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 50.4694, 44.4489, 51.8184 by changing the saturation by 10% instead.

 50.4694, 44.4489,
51.8184


 50.4694, 44.4489,
51.8184


378.9205,
364.5370, 410.6721

 36.0058, 31.0236,
36.4791


 90.0576, 81.8928,
94.2872

 24.6088, 20.6168,
24.5118


 115.9130,
106.6802, 122.2538

 15.9130, 12.8442,
15.4980


146.2964,
136.0237, 155.2666

 9.5531, 7.3213,
9.0192

181.5731,
170.3077, 193.7441

 5.1636, 3.6639,
4.6567

222.1085,
209.9166, 238.1049

 2.3793, 1.4874,
1.9921

268.2680,

 0.8348, 0.2798,

255.2349, 288.7674

0.5504

320.4168,
306.6469, 346.1503

0.0000, 0.0000,
0.0000

50.4694, 44.4489,
51.8184

50.4694, 44.4489,
51.8184

45.6453, 36.8757,
43.8126

56.0799, 53.3974,
60.6932

41.5669, 30.6029,
36.6448

62.5075, 63.7791,
70.4613

38.1953, 25.5579,
30.2859

69.7858, 75.6558,
81.1489

35.4865, 21.6580,
24.7038

77.9453, 89.0841,
92.7808

33.3911, 18.8105,
19.8637

81.5215, 93.1302,
103.5492

■ 31.8522, 16.9080,
15.7274

■ 82.4255, 93.4918,
108.3092

■ 30.8010, 15.8194,
12.2516

■ 30.3935, 15.4630,
10.7020

Harmonies

Analogous

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



48.6667, 44.4489, 63.7650



50.4694, 44.4489, 51.8184



49.9609, 44.4489, 40.6628

Triad

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



50.4694, 44.4489, 51.8184



39.4525, 44.4489, 30.3847



37.5520, 44.4489, 68.1223

Complementary

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



50.4694, 44.4489, 51.8184



49.7692, 61.3535, 60.8520

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.



35.3717, 44.4489, 57.0552



50.4694, 44.4489, 51.8184



36.4189, 44.4489, 35.7213

Square

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



50.4694, 44.4489, 51.8184



43.4256, 44.4489, 29.4430



34.9706, 44.4489, 45.1302



41.0906, 44.4489, 74.1197

Rectangle

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



50.4694, 44.4489, 51.8184



48.3927, 44.4489, 35.0296



34.9706, 44.4489, 45.1302



36.6456, 44.4489, 64.7949

Sweetspot

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



50.4707, 44.4509, 51.8193



87.9609, 88.4726, 98.3647



48.0000, 42.7420, 71.3662



18.7025, 18.7348, 20.8663



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.



50.4707, 44.4509, 51.8193



68.8510, 57.9365, 68.3071



49.1382, 45.2192, 40.7911



13.2748, 13.1390, 14.7084



18.4479, 9.3802, 6.7386



1.2372, 0.6245, 0.6580

Inverse Universe

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



50.4707, 44.4509, 51.8193



68.8510, 57.9365, 68.3071



51.2987, 60.1347, 74.5495



13.2748, 13.1390, 14.7084



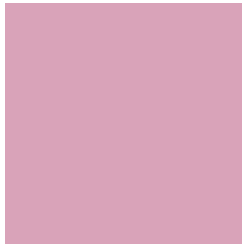
18.4479, 9.3802, 6.7386



1.2372, 0.6245, 0.6580

Previews

White Background



This preview shows how the XYZ color 50.4694, 44.4489, 51.8184 looks on a white background.

Color Contrast Check

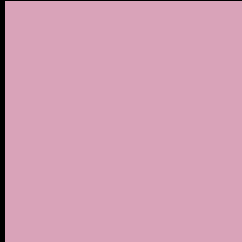
Large Text (above 18pt) WCAG AA × Fail

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 50.4694, 44.4489, 51.8184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

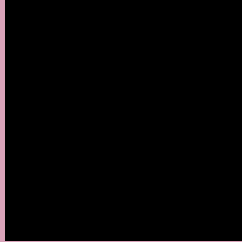
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4694, 44.4489, 51.8184

Background



This preview shows how black text looks on a background with the XYZ color 50.4694, 44.4489, 51.8184.



This preview shows how white text looks on a background with the XYZ color 50.4694, 44.4489,

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

50.4694, 44.4489, 51.8184

Protanopia

43.5912, 44.6864, 57.3668

Deuteranopia

45.4831, 44.6435, 51.0196



Tritanopia

49.5302, 44.3242, 47.5399

Trichromacy



Original Color

50.4694, 44.4489, 51.8184

Protanomaly

45.8947, 44.4731, 55.4555

Deuteranomaly

47.1968, 44.3932, 51.4286

Tritanomaly

49.8326, 44.4451, 49.1323

Monochromacy



Original Color

50.4694, 44.4489, 51.8184

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.3829, 45.6809, 51.1724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4694, 44.4489, 51.8184 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(217, 163, 185)` looks like.

```
.text, #text, p{  
    color:rgb(217, 163, 185)  
}
```

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(217, 163, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 163, 185) }
```

Border

The CSS property to change the border of an element to XYZ 50.4694, 44.4489, 51.8184 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(217, 163, 185) }
```


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

```
.border{ border-color:rgb(217, 163, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 163, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 163, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 163, 185);  
box-shadow:4px 4px 4px 4px rgb(217, 163,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4694, 44.4489, 51.8184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 163, 185) }
```

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

```
.background{ background-color: rgb(217,  
163, 185) }
```

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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