

Converting Colors

XYZ(50.7191, 44.1948, 45.3924)

Have a look what the booklet for
XYZ(50.7191, 44.1948, 45.3924)
contains.

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Color

**XYZ(50.7191, 44.1948,
45.3924)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA1AD
RGB	223, 161, 173
RGB Percent	87%, 63%, 68%
CMY	0.1255, 0.3686, 0.3216
CMYK	0.00, 0.28, 0.22, 0.13
HSL	348°, 49%, 75%
HSV	348°, 28%, 87%
XYZ	50.7191, 44.1948, 45.3924
YIQ	180.9060, 33.1000, 16.8760

Conversions

Conversions Part 2

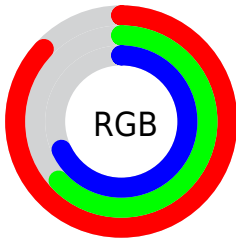
Format	Color
R _Y B	223, 161, 173
Decimal	14655917
CIE Lab	72.36, 24.70, 2.94
CIE LCh	72, 24.871, 6.778
Yxy	44.1948, 0.3615, 0.3150
Android (android.graphics.Color)	4292845997 (0xFFDFA1AD)
YUV	180.9060, -3.8977, 36.9164
Hunter-Lab	66.4792, 19.8449, 6.0518

Details

The XYZ color **50.7191, 44.1948, 45.3924** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8453, 65.0566, 71.4031**, and the grayscale version is **43.8791, 46.1642, 50.2728**.

A 20% lighter version of the original color is **79.7995, 75.9732, 83.8572**, and **24.8562, 20.5332, 20.7424** is the 20% darker color. If you saturate the color by 10%, you get **45.5393, 36.4352, 35.6499**, and if you desaturate by 10%, it is **56.8306, 53.4422, 56.6023**.

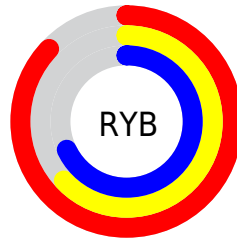
Distribution



Red (87%)

Green (63%)

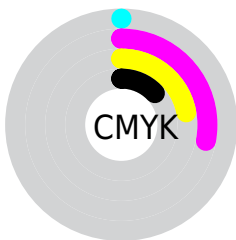
Blue (68%)



Red (87%)

Yellow (63%)

Blue (68%)

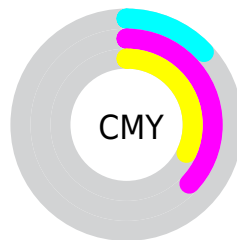


Cyan (0%)

Magenta (28%)

Yellow (22%)

Black (13%)



Cyan (13%)


Magenta (37%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7191, 44.1948, 45.3924 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 50.7191, 44.1948, 45.3924 by changing the saturation by 10% instead.


 50.7191, 44.1948,
45.3924


 50.7191, 44.1948,
45.3924


379.8771,
363.5026, 384.5668

 36.2052, 30.8237,
31.4214


 90.4249, 81.5108,
84.6336

 24.7636, 20.4646,
20.6588

 116.3475,
106.2245, 110.7409

 16.0288, 12.7332,
12.6860


146.8038,
135.4877, 141.7308

 9.6355, 7.2451,
7.0845


182.1590,
169.6851, 178.0217

 5.2184, 3.6159,
3.4358

222.7787,
209.2008, 220.0322

 2.4120, 1.4611,
1.3212

269.0280,

 0.8511, 0.2611,

254.4194, 268.1809

0.0791

321.2723,
305.7252, 322.8863

■ 0.0000, 0.0000,
0.0000

■ 50.7191, 44.1948,
45.3924

■ 50.7191, 44.1948,
45.3924

■ 45.5393, 36.4352,
35.6499

■ 56.8306, 53.4422,
56.6023

■ 41.2414, 30.0795,
27.3108

■ 63.9131, 64.2430,
69.3345

■ 37.7762, 25.0452,
20.3103

■ 72.0081, 76.6666,
83.6444

■ 35.0883, 21.2384,
14.5775

■ 81.1536, 90.7761,
99.5837

■ 33.1154, 18.5529,
10.0346

■ 84.2416, 94.4281,
108.3942

■ 31.7850, 16.8641,
6.5946

■ 31.0000, 16.0006,
4.1550

■ 30.8704, 15.8636,
3.7348

Harmonies

Analogous

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



50.0314, 44.1948, 58.0247



50.7191, 44.1948, 45.3924



48.9481, 44.1948, 35.3443

Triad

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



50.7191, 44.1948, 45.3924



37.2689, 44.1948, 31.6041



38.8438, 44.1948, 73.1916

Complementary

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



50.7191, 44.1948, 45.3924



52.8453, 65.0566, 71.4031

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.



35.7531, 44.1948, 63.6555



50.7191, 44.1948, 45.3924



34.8879, 44.1948, 39.4130

Square

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



50.7191, 44.1948, 45.3924



41.0421, 44.1948, 28.3061



34.3524, 44.1948, 50.9560



42.9845, 44.1948, 75.5235

Rectangle

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



50.7191, 44.1948, 45.3924



46.6779, 44.1948, 30.9746



34.3524, 44.1948, 50.9560



37.6564, 44.1948, 70.6521

Sweetspot

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



50.7203, 44.1969, 45.3933



86.3471, 86.6531, 93.4859



52.8151, 44.6095, 75.6392



18.1530, 18.0445, 19.4228



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.



50.7203, 44.1969, 45.3933



64.7584, 53.9227, 54.0831



53.1065, 50.7443, 40.7163



13.8151, 13.7437, 14.7964



18.1826, 9.3400, 2.3613



1.2916, 0.6599, 0.3285

Inverse Universe

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



50.7203, 44.1969, 45.3933



64.7584, 53.9227, 54.0831



49.7069, 56.2824, 78.0562



13.8151, 13.7437, 14.7964



18.1826, 9.3400, 2.3613



1.2916, 0.6599, 0.3285

Previews

White Background



This preview shows how the XYZ color 50.7191, 44.1948, 45.3924 looks on a white background.

Color Contrast Check

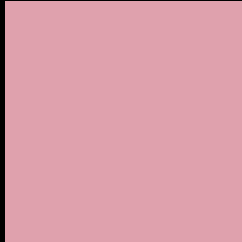
Large Text (above 18pt) WCAG AA × Fail

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 50.7191, 44.1948, 45.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

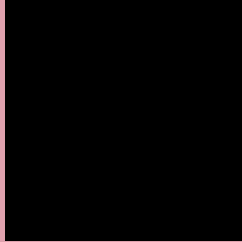
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7191, 44.1948, 45.3924

Background



This preview shows how black text looks on a background with the XYZ color 50.7191, 44.1948, 45.3924.



This preview shows how white text looks on a background with the XYZ color 50.7191, 44.1948,

45.3924.

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

50.7191, 44.1948, 45.3924

Protanopia

42.9880, 44.5250, 50.5844

Deuteranopia

45.1292, 44.3156, 44.7033



Tritanopia

50.7191, 44.1948, 45.3924

Trichromacy



Original Color

50.7191, 44.1948, 45.3924

Protanomaly

45.4645, 44.1163, 48.7669

Deuteranomaly

46.9026, 44.1056, 45.0709

Tritanomaly

50.7191, 44.1948, 45.3924

Monochromacy



Original Color

50.7191, 44.1948, 45.3924

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.9369, 45.2222, 48.4271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7191, 44.1948, 45.3924 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(223, 161, 173)` looks like.

```
.text, #text, p{  
    color:rgb(223, 161, 173)  
}
```

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(223, 161, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 161, 173) }
```

Border

The CSS property to change the border of an element to XYZ 50.7191, 44.1948, 45.3924 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(223, 161, 173) }
```


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

```
.border{ border-color:rgb(223, 161, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 161, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 161, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 161, 173);  
box-shadow:4px 4px 4px 4px rgb(223, 161,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7191, 44.1948, 45.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 161, 173) }
```

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

```
.background{ background-color: rgb(223,  
161, 173) }
```

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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