

Converting Colors

XYZ(51.2372, 45.5385, 44.6174)

Have a look what the booklet for
XYZ(51.2372, 45.5385, 44.6174)
contains.

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Color

**XYZ(51.2372, 45.5385,
44.6174)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA5AB
RGB	223, 165, 171
RGB Percent	87%, 65%, 67%
CMY	0.1255, 0.3529, 0.3294
CMYK	0.00, 0.26, 0.23, 0.13
HSL	354°, 48%, 76%
HSV	354°, 26%, 87%
XYZ	51.2372, 45.5385, 44.6174
YIQ	183.0260, 32.6420, 14.1620

Conversions

Conversions Part 2

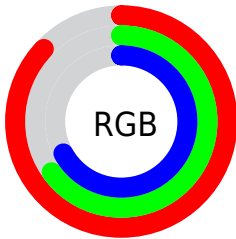
Format	Color
R _Y B	223, 165, 171
Decimal	14656939
CIE Lab	73.25, 22.25, 5.32
CIE LCh	73, 22.879, 13.443
Yxy	45.5385, 0.3624, 0.3221
Android (android.graphics.Color)	4292847019 (0xFFDFA5AB)
YUV	183.0260, -5.9288, 35.0572
Hunter-Lab	67.4822, 17.4357, 8.0366

Details

The XYZ color **51.2372, 45.5385, 44.6174** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4309, 65.7854, 75.4779**, and the grayscale version is **45.0440, 47.3898, 51.6075**.

A 20% lighter version of the original color is **80.5607, 77.9374, 82.7489**, and **25.1713, 21.3577, 20.2485** is the 20% darker color. If you saturate the color by 10%, you get **45.7963, 37.4792, 34.1014**, and if you desaturate by 10%, it is **57.6702, 55.1199, 56.8874**.

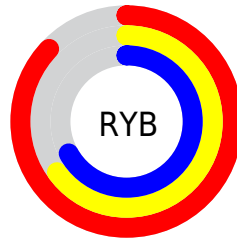
Distribution



Red (87%)

Green (65%)

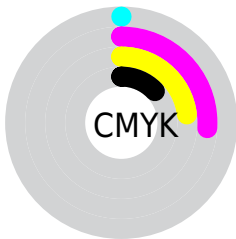
Blue (67%)



Red (87%)

Yellow (65%)

Blue (67%)

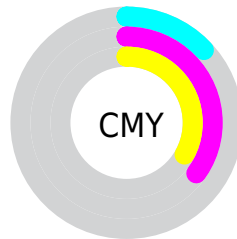


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (13%)



Cyan (13%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2372, 45.5385, 44.6174 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 51.2372, 45.5385, 44.6174 by changing the saturation by 10% instead.


 51.2372, 45.5385,
44.6174


 51.2372, 45.5385,
44.6174


381.8572,
368.9501, 381.3366

 36.6192, 31.8818,
30.8154


 91.1862, 83.5279,
83.4583

 25.0851, 21.2712,
20.2011


 117.2479,
108.6294, 109.3344

 16.2696, 13.3224,
12.3557


147.8550,
138.3146, 140.0722

 9.8072, 7.6509,
6.8610

183.3727,
172.9679, 176.0903

 5.3326, 3.8724,
3.2982

224.1664,
212.9737, 217.8073

 2.4804, 1.6024,
1.2488

270.6015,

 0.8854, 0.3592,

258.7164, 265.6416

0.0193

323.0433,
310.5804, 320.0119

0.0000, 0.0000,
0.0000

51.2372, 45.5385,
44.6174

51.2372, 45.5385,
44.6174

45.7963, 37.4792,
34.1014

57.6702, 55.1199,
56.8874

41.2944, 30.8577,
25.2567

65.1375, 66.2894,
70.9837

37.6793, 25.5912,
17.9976

73.6833, 79.1168,
86.9777

34.8919, 21.5859,
12.2302

83.3480, 93.6660,
104.9364

32.8660, 18.7358,
7.8501

84.2415, 94.4280,
108.3942

■ 31.5252, 16.9181,
4.7398

■ 30.7760, 15.9805,
2.7615

■ 30.5867, 15.7501,
2.2414

Harmonies

Analogous

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



51.1158, 45.5385, 56.1574



51.2372, 45.5385, 44.6174



49.1359, 45.5385, 35.8767

Triad

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



51.2372, 45.5385, 44.6174



38.1866, 45.5385, 35.1961



41.1193, 45.5385, 73.9498

Complementary

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



51.2372, 45.5385, 44.6174



54.4309, 65.7854, 75.4779

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.



37.9143, 45.5385, 66.4008



51.2372, 45.5385, 44.6174



36.2943, 45.5385, 43.5441

Square

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



51.2372, 45.5385, 44.6174



41.5123, 45.5385, 31.0328



36.1978, 45.5385, 54.9055



45.1034, 45.5385, 74.3565

Rectangle

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



51.2372, 45.5385, 44.6174



46.8284, 45.5385, 32.3141



36.1978, 45.5385, 54.9055



39.9212, 45.5385, 72.1160

Sweetspot

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



51.2384, 45.5406, 44.6183



86.0775, 86.5453, 92.0662



55.1636, 46.8746, 75.9525



18.0857, 18.0176, 19.0683



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.



51.2384, 45.5406, 44.6183



65.4201, 55.7569, 52.7288



55.0442, 54.0461, 43.1308



13.7645, 13.7234, 14.5302



18.0039, 9.2686, 1.4206



1.2677, 0.6504, 0.2026

Inverse Universe

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



51.2384, 45.5406, 44.6183



65.4201, 55.7569, 52.7288



49.6704, 54.9933, 77.8091



13.7645, 13.7234, 14.5302



18.0039, 9.2686, 1.4206



1.2677, 0.6504, 0.2026

Previews

White Background



This preview shows how the XYZ color 51.2372, 45.5385, 44.6174 looks on a white background.

Color Contrast Check

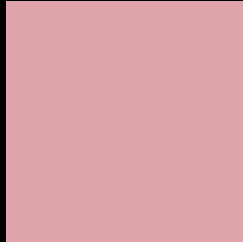
Large Text (above 18pt) WCAG AA × Fail

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 51.2372, 45.5385, 44.6174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

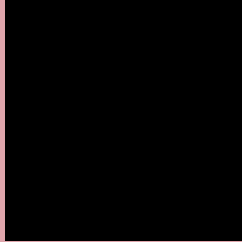
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2372, 45.5385, 44.6174

Background



This preview shows how black text looks on a background with the XYZ color 51.2372, 45.5385, 44.6174.



This preview shows how white text looks on a background with the XYZ color 51.2372, 45.5385,

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

51.2372, 45.5385, 44.6174

Protanopia

44.0239, 45.6852, 49.1456

Deuteranopia

46.6546, 45.6932, 43.8968



Tritanopia

51.9517, 45.5725, 47.6532

Trichromacy



Original Color

51.2372, 45.5385, 44.6174

Protanomaly

46.2612, 45.4125, 47.4015

Deuteranomaly

48.3970, 45.7297, 44.3061

Tritanomaly

51.7538, 45.4934, 46.6108

Monochromacy



Original Color

51.2372, 45.5385, 44.6174

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.9507, 46.3111, 49.1122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2372, 45.5385, 44.6174 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, 165, 171)` looks like.

```
.text, #text, p{  
    color:rgb(223, 165, 171)  
}
```

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, 165, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 165, 171) }
```

Border

The CSS property to change the border of an element to XYZ 51.2372, 45.5385, 44.6174 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, 165, 171) }
```


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

```
.border{ border-color:rgb(223, 165, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 165, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 165, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 165, 171);  
box-shadow:4px 4px 4px 4px rgb(223, 165,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2372, 45.5385, 44.6174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 165, 171) }
```

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

```
.background{ background-color: rgb(223,  
165, 171) }
```

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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