

Converting Colors

XYZ(46.6459, 43.5368, 51.0948)

Have a look what the booklet for
XYZ(46.6459, 43.5368, 51.0948)
contains.

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Color

**XYZ(46.8276, 43.6547,
51.3055)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA7B8
RGB	202, 167, 184
RGB Percent	79%, 65%, 72%
CMY	0.2078, 0.3451, 0.2784
CMYK	0.00, 0.17, 0.09, 0.21
HSL	331°, 25%, 72%
HSV	331°, 17%, 79%
XYZ	46.8276, 43.6547, 51.3055
YIQ	179.4030, 15.4030, 12.7070

Conversions

Conversions Part 2

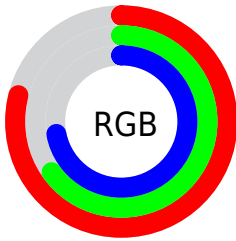
Format	Color
R_{YB}	202, 167, 184
Decimal	13281208
CIE _{Lab}	72.00, 15.61, -3.91
CIE _{LCh}	72, 16.089, 345.926
Yxy	43.6547, 0.3303, 0.3079
Android (android.graphics.Color)	4291471288 (0xFFCAA7B8)
YUV	179.4030, 2.2663, 19.8176
Hunter-Lab	66.0717, 10.8844, 0.2108

Details

The XYZ color **46.8276, 43.6547, 51.3055** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.8156, 53.9606, 53.9023**, and the grayscale version is **43.0463, 45.2881, 49.3187**.

A 20% lighter version of the original color is **83.0895, 79.7938, 93.4605**, and **22.4402, 20.1961, 24.1882** is the 20% darker color. If you saturate the color by 10%, you get **42.3629, 36.4043, 44.6400**, and if you desaturate by 10%, it is **51.9528, 52.0970, 58.5869**.

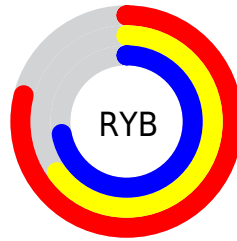
Distribution



Red (79%)

Green (65%)

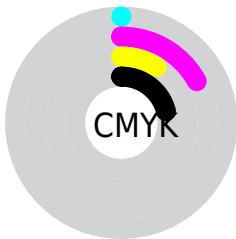
Blue (72%)



Red (79%)

Yellow (65%)

Blue (72%)

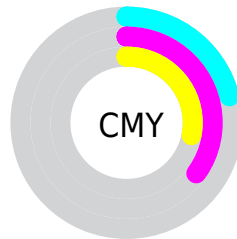


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (21%)



Cyan (21%)


Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8276, 43.6547, 51.3055 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 46.8276, 43.6547, 51.3055 by changing the saturation by 10% instead.


 46.8276, 43.6547,
51.3055


 46.8276, 43.6547,
51.3055


364.7864,
361.2973, 408.6299

 33.1068, 30.3991,
36.0734


 84.6765, 80.6979,
93.5223

 22.3679, 20.1417,
24.2007


 109.5353,
105.2543, 121.3441

 14.2456, 12.4981,
15.2690


138.8375,
134.3465, 154.1995

 8.3745, 7.0839,
8.8597


172.9484,
168.3588, 192.5071

 4.3893, 3.5146,
4.5542

212.2334,
207.6757, 236.6854

 1.9247, 1.4059,
1.9340

257.0578,

 0.5911, 0.2211,

252.6814, 287.1529

0.5143

307.7870,
303.7605, 344.3283

■ 0.0000, 0.0000,
0.0000

■ 46.8276, 43.6547,
51.3055

■ 46.8276, 43.6547,
51.3055

■ 42.3629, 36.4043,
44.6400

■ 51.9528, 52.0970,
58.5869

■ 38.5266, 30.2858,
38.5697

■ 57.7615, 61.7761,
66.4984

■ 35.2891, 25.2427,
33.0766

■ 64.2799, 72.7415,
75.0574

■ 32.6173, 21.2113,
28.1407

■ 71.5321, 85.0387,
84.2793

■ 30.4743, 18.1210,
23.7402

■ 75.2504, 90.1299,
92.7493

■ 28.8188, 15.8922,
19.8516

■ 76.8041, 90.7514,
100.9310

■ 27.6024, 14.4318,
16.4487

■ 78.1674, 91.2967,
108.1099

■ 26.7593, 13.6113,
13.4988

■ 26.5669, 13.4405,
12.7750

Harmonies

Analogous

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



45.4026, 43.6547, 58.8459



46.8276, 43.6547, 51.3055



46.7798, 43.6547, 43.5029

Triad

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



46.8276, 43.6547, 51.3055



40.0605, 43.6547, 34.4238



37.9270, 43.6547, 59.2451

Complementary

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



46.8276, 43.6547, 51.3055



45.8156, 53.9606, 53.9023

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.



36.6194, 43.6547, 51.8036



46.8276, 43.6547, 51.3055



37.8136, 43.6547, 37.7709

Square

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



46.8276, 43.6547, 51.3055



42.7898, 43.6547, 34.3219



36.5788, 43.6547, 43.9493



40.2217, 43.6547, 63.7606

Rectangle

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



46.8276, 43.6547, 51.3055



45.9167, 43.6547, 39.2008



36.5788, 43.6547, 43.9493



37.3620, 43.6547, 56.9683

Sweetspot

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



46.8289, 43.6566, 51.3064



90.0786, 91.7180, 102.1227



44.3683, 42.1561, 61.6763



19.1362, 19.3917, 21.6593



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.



46.8289, 43.6566, 51.3064



76.1600, 68.8147, 82.2728



45.1525, 42.9861, 42.4789



11.4355, 11.3029, 12.8281



17.1400, 8.6666, 8.4557



0.9225, 0.4624, 0.6379

Inverse Universe

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



46.8289, 43.6566, 51.3064



76.1600, 68.8147, 82.2728



47.7189, 54.7219, 63.9251



11.4355, 11.3029, 12.8281



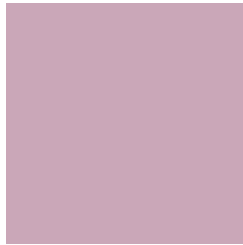
17.1400, 8.6666, 8.4557



0.9225, 0.4624, 0.6379

Previews

White Background



This preview shows how the XYZ color 46.8276, 43.6547, 51.3055 looks on a white background.

Color Contrast Check

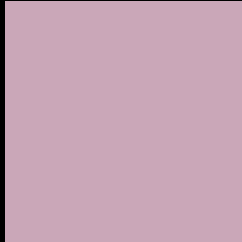
Large Text (above 18pt) WCAG AA × Fail

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 46.8276, 43.6547, 51.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

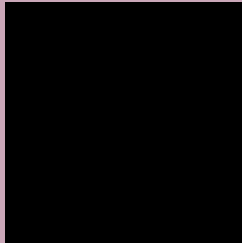
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8276, 43.6547, 51.3055

Background



This preview shows how black text looks on a background with the XYZ color 46.8276, 43.6547, 51.3055.



This preview shows how white text looks on a background with the XYZ color 46.8276, 43.6547,

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

46.8276, 43.6547, 51.3055

Protanopia

42.6151, 43.9549, 54.3822

Deuteranopia

44.5960, 43.6211, 50.8690



Tritanopia

46.7002, 43.8980, 49.7279

Trichromacy



Original Color

46.8276, 43.6547, 51.3055

Protanomaly

43.9208, 43.7893, 53.1510

Deuteranomaly

45.4276, 43.7705, 50.8540

Tritanomaly

46.8033, 43.9392, 50.2703

Monochromacy



Original Color

46.8276, 43.6547, 51.3055

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.1640, 44.5609, 49.9895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8276, 43.6547, 51.3055 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(202, 167, 184)` looks like.

```
.text, #text, p{  
    color:rgb(202, 167, 184)  
}
```

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(202, 167, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 167, 184) }
```

Border

The CSS property to change the border of an element to XYZ 46.8276, 43.6547, 51.3055 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(202, 167, 184) }
```


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

```
.border{ border-color:rgb(202, 167, 184) }
```

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

Here you see how a box with a 4 pixel rgb(202, 167, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 167, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 167, 184);  
box-shadow:4px 4px 4px 4px rgb(202, 167,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8276, 43.6547, 51.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 167, 184) }
```

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

```
.background{ background-color: rgb(202,  
167, 184) }
```

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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