

Converting Colors

XYZ(45.3964, 43.4891, 50.2576)

Have a look what the booklet for
XYZ(45.3964, 43.4891, 50.2576)
contains.

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Color

**XYZ(45.3964, 43.4891,
50.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A9B6
RGB	196, 169, 182
RGB Percent	77%, 66%, 71%
CMY	0.2314, 0.3372, 0.2863
CMYK	0.00, 0.14, 0.07, 0.23
HSL	331°, 19%, 72%
HSV	331°, 14%, 77%
XYZ	45.3964, 43.4891, 50.2576
YIQ	178.5550, 11.9190, 9.7670

Conversions

Conversions Part 2

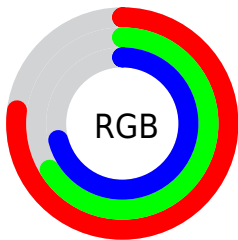
Format	Color
RYB	196, 169, 182
Decimal	12888502
CIELab	71.89, 12.02, -3.04
CIELCh	72, 12.399, 345.818
Yxy	43.4891, 0.3263, 0.3125
Android (android.graphics.Color)	4291078582 (0xFFC4A9B6)
YUV	178.5550, 1.6984, 15.2993
Hunter-Lab	65.9463, 7.4707, 0.9775

Details

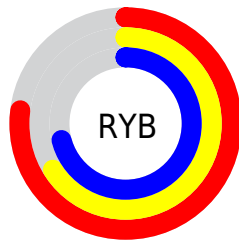
The XYZ color **45.3964, 43.4891, 50.2576** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6510, 51.3349, 52.3574**, and the grayscale version is **42.5989, 44.8174, 48.8061**.

A 20% lighter version of the original color is **82.5963, 80.3670, 92.0480**, and **21.4791, 20.0583, 23.5085** is the 20% darker color. If you saturate the color by 10%, you get **41.0075, 36.3313, 43.7990**, and if you desaturate by 10%, it is **50.4106, 51.7744, 57.3019**.

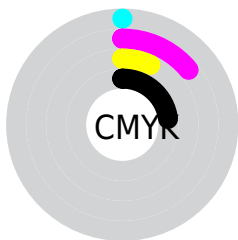
Distribution



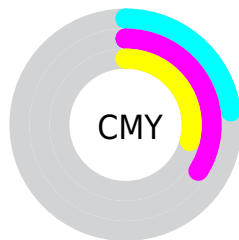
- Red (77%)
- Green (66%)
- Blue (71%)



- Red (77%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (23%)





- Cyan (23%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3964, 43.4891, 50.2576 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 45.3964, 43.4891, 50.2576 by changing the saturation by 10% instead.


 45.3964, 43.4891,
50.2576


 45.3964, 43.4891,
50.2576


359.1334,
360.6193, 404.4364

 31.9724, 30.2691,
35.2455

 82.5483, 80.4484,
91.9567

 21.4958, 20.0429,
23.5670

 107.0070,
104.9565, 119.4807

 13.6015, 12.4262,
14.8035

135.8745,
133.9960, 152.0125

 7.9238, 7.0347,
8.5365

169.5163,
167.9514, 189.9706

 4.0976, 3.4838,
4.3475

208.2978,
207.2070, 233.7734

 1.7575, 1.3892,
1.8178

252.5842,

 0.4919, 0.2088,

252.1473, 283.8397

0.4397

302.7409,
303.1566, 340.5878

■ 0.0000, 0.0000,
0.0000

■ 45.3964, 43.4891,
50.2576

■ 45.3964, 43.4891,
50.2576

■ 41.0075, 36.3313,
43.7990

■ 50.4106, 51.7744,
57.3019

■ 37.2144, 30.2462,
37.9068

■ 56.0708, 61.2275,
64.9448

■ 33.9905, 25.1828,
32.5645

■ 62.4010, 71.8939,
73.2025

■ 31.3059, 21.0839,
27.7535

■ 69.4232, 83.8147,
82.0894

■ 29.1277, 17.8865,
23.4541

■ 73.2078, 89.1289,
90.3028

■ 27.4189, 15.5199,
19.6448

■ 74.7008, 89.7261,
98.1650

■ 26.1375, 13.9028,
16.3021

■ 76.2788, 90.3573,
106.4747

■ 25.2328, 12.9373,
13.3991

■ 76.5752, 90.4759,
108.0354

■ 24.8017, 12.5505,
11.7896

Harmonies

Analogous

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



44.3147, 43.4891, 55.9243



45.3964, 43.4891, 50.2576



45.3645, 43.4891, 44.2538

Triad

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



45.3964, 43.4891, 50.2576



40.2385, 43.4891, 37.0257



38.5704, 43.4891, 56.1870

Complementary

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



45.3964, 43.4891, 50.2576



44.6510, 51.3349, 52.3574

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.



37.5517, 43.4891, 50.5920



45.3964, 43.4891, 50.2576



38.4922, 43.4891, 39.7042

Square

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



45.3964, 43.4891, 50.2576



42.3375, 43.4891, 36.9528



37.5235, 43.4891, 44.5611



40.3486, 43.4891, 59.5398

Rectangle

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



45.3964, 43.4891, 50.2576



44.7144, 43.4891, 40.8701



37.5235, 43.4891, 44.5611



38.1305, 43.4891, 54.4858

Sweetspot

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



45.3976, 43.4910, 50.2585



91.0419, 93.3278, 103.4203



43.6699, 42.4247, 58.1122



19.3300, 19.7158, 21.9199



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.



45.3976, 43.4910, 50.2585



79.3355, 74.0279, 86.8389



44.1997, 43.1460, 43.5369



10.2706, 10.1569, 11.5157



15.9791, 8.0814, 7.8020



0.7252, 0.3631, 0.5205

Inverse Universe

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



45.3976, 43.4910, 50.2585



79.3355, 74.0279, 86.8389



45.9659, 51.6987, 59.7813



10.2706, 10.1569, 11.5157



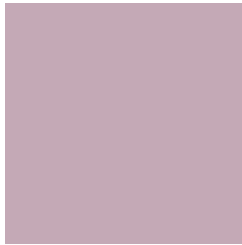
15.9791, 8.0814, 7.8020



0.7252, 0.3631, 0.5205

Previews

White Background



This preview shows how the XYZ color 45.3964, 43.4891, 50.2576 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 45.3964, 43.4891, 50.2576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

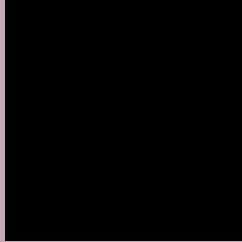
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3964, 43.4891, 50.2576

Background



This preview shows how black text looks on a background with the XYZ color 45.3964, 43.4891, 50.2576.



This preview shows how white text looks on a background with the XYZ color 45.3964, 43.4891,

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

45.3964, 43.4891, 50.2576

Protanopia

42.3244, 43.5522, 52.6301

Deuteranopia

44.4923, 43.5796, 50.3227



Tritanopia

45.3964, 43.4891, 50.2576

Trichromacy



Original Color

45.3964, 43.4891, 50.2576

Protanomaly

43.4677, 43.5803, 52.0198

Deuteranomaly

44.8105, 43.4643, 50.2836

Tritanomaly

45.3964, 43.4891, 50.2576

Monochromacy



Original Color

45.3964, 43.4891, 50.2576

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.5758, 44.2695, 49.4282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3964, 43.4891, 50.2576 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(196, 169, 182)` looks like.

```
.text, #text, p{  
    color:rgb(196, 169, 182)  
}
```

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(196, 169, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 169, 182) }
```

Border

The CSS property to change the border of an element to XYZ 45.3964, 43.4891, 50.2576 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(196, 169, 182) }
```


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

```
.border{ border-color:rgb(196, 169, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 169, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 169, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 169, 182);  
box-shadow:4px 4px 4px 4px rgb(196, 169,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3964, 43.4891, 50.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 169, 182) }
```

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

```
.background{ background-color: rgb(196,  
169, 182) }
```

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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