

Converting Colors

XYZ(44.3402, 44.0309, 39.2018)

Have a look what the booklet for
XYZ(44.3402, 44.0309, 39.2018)
contains.

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Color

**XYZ(44.3864, 44.0489,
39.4206)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C6ACA0 |
| RGB | 198, 172, 160 |
| RGB Percent | 78%, 67%, 63% |
| CMY | 0.2235, 0.3255, 0.3725 |
| CMYK | 0.00, 0.13, 0.19, 0.22 |
| HSL | 19°, 25%, 70% |
| HSV | 19°, 19%, 78% |
| XYZ | 44.3864, 44.0489, 39.4206 |
| YIQ | 178.4060, 19.3480, 1.7800 |

Conversions

Conversions Part 2

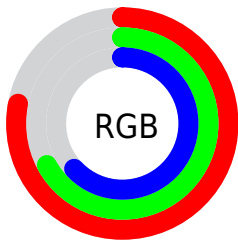
| Format | Color |
|-------------------------------------|--|
| RYB | 198, 178, 160 |
| Decimal | 13020320 |
| CIELab | 72.26, 7.48, 9.63 |
| CIElCh | 72, 12.195, 52.152 |
| Yxy | 44.0489, 0.3472, 0.3445 |
| Android (android.graphics.Color) | 4291210400 (0xFFC6ACA0) |
| YUV | 178.4060, -9.0742, 17.1839 |
| Hunter-Lab | 66.3693, 3.2306, 11.2428 |

Details

The XYZ color **44.3864, 44.0489, 39.4206** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2488, 46.6675, 60.2074**, and the grayscale version is **42.5724, 44.7895, 48.7757**.

A 20% lighter version of the original color is **80.9748, 81.1045, 75.6769**, and **20.9784, 20.4664, 17.3127** is the 20% darker color. If you saturate the color by 10%, you get **40.3427, 38.5160, 30.1969**, and if you desaturate by 10%, it is **48.9712, 50.2217, 50.1867**.

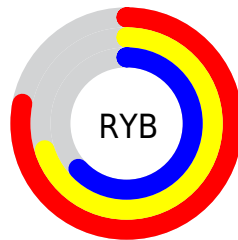
Distribution



Red (78%)

Green (67%)

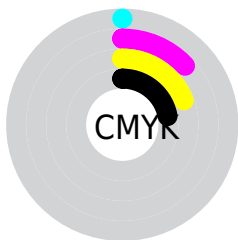
Blue (63%)



Red (78%)

Yellow (70%)

Blue (63%)

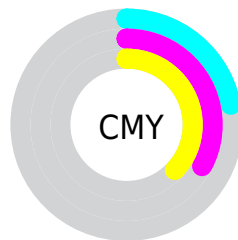


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3864, 44.0489, 39.4206 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 44.3864, 44.0489, 39.4206 by changing the saturation by 10% instead.


 44.3864, 44.0489,
39.4206


 44.3864, 44.0489,
39.4206


355.1084,
362.9078, 359.1546

 31.1736, 30.7090,
26.7767


 81.0416, 81.2913,
75.5078

 20.8836, 20.3773,
17.1747


 105.2148,
105.9626, 99.7883

 13.1509, 12.6696,
10.1958

133.7721,
135.1797, 128.7846

 7.6102, 7.2014,
5.4217

167.0789,
169.3272, 162.9155

 3.8963, 3.5884,
2.4337

205.5006,
208.7893, 202.5994

 1.6436, 1.4461,
0.8047

249.4025,

 0.4206, 0.2503,

253.9505, 248.2549

0.0000

299.1500,
305.1952, 300.3004

■ 0.0000, 0.0000,
0.0000

■ 44.3864, 44.0489,
39.4206

■ 44.3864, 44.0489,
39.4206

■ 40.3427, 38.5160,
30.1969

■ 48.9712, 50.2217,
50.1867

■ 36.8157, 33.5962,
22.4416

■ 54.1131, 57.0483,
62.5591

■ 33.7842, 29.2695,
16.0787

■ 59.8320, 64.5497,
76.6012

■ 31.2242, 25.5122,
11.0242

■ 66.1457, 72.7440,
92.3723

■ 29.1095, 22.2995,
7.1850

■ 72.4201, 81.3883,
106.5003

■ 27.4109, 19.6039,
4.4555

■ 76.5517, 89.6516,
107.8775

■ 26.0949, 17.3955,
2.7114

■ 77.0988, 90.7458,
108.0599

■ 25.1109, 15.6359,
1.7405

■ 25.0413, 15.5108,
1.6741

Harmonies

Analogous

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



45.7080, 44.0489, 43.7439



44.3864, 44.0489, 39.4206



42.4193, 44.0489, 37.4218

Triad

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



44.3864, 44.0489, 39.4206



38.0040, 44.0489, 46.4045



43.4037, 44.0489, 59.4537

Complementary

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



44.3864, 44.0489, 39.4206



42.2488, 46.6675, 60.2074

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.



41.3198, 44.0489, 60.3154



44.3864, 44.0489, 39.4206



38.2478, 44.0489, 52.4424

Square

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



44.3864, 44.0489, 39.4206



38.7677, 44.0489, 41.2291



39.4451, 44.0489, 57.6553



45.1276, 44.0489, 55.3902

Rectangle

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



44.3864, 44.0489, 39.4206



41.0253, 44.0489, 37.5494



39.4451, 44.0489, 57.6553



42.7205, 44.0489, 60.1403

Sweetspot

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



44.3876, 44.0509, 39.4215



89.4350, 92.5561, 95.3560



44.7868, 40.7187, 52.2889



19.0167, 19.6430, 20.1084



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.



44.3876, 44.0509, 39.4215



75.5128, 73.7997, 62.6985



48.1345, 51.5447, 40.6705



10.9027, 11.1746, 11.1450



16.3534, 10.2240, 1.1115



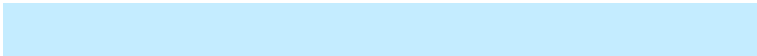
0.8400, 0.6155, 0.0745

Inverse Universe

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



42.2488, 46.6675, 60.2074



71.0379, 79.2664, 106.1636



38.6197, 39.4092, 58.9977



10.6532, 11.4805, 13.5720



12.3841, 14.1620, 36.8252



0.6493, 0.7964, 1.7646

Previews

White Background



This preview shows how the XYZ color 44.3864, 44.0489, 39.4206 looks on a white background.

Color Contrast Check

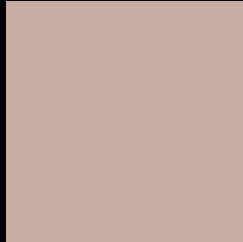
Large Text (above 18pt) WCAG AA × Fail

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 44.3864, 44.0489, 39.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

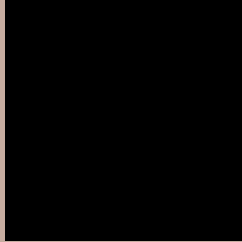
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3864, 44.0489, 39.4206

Background



This preview shows how black text looks on a background with the XYZ color 44.3864, 44.0489, 39.4206.



This preview shows how white text looks on a background with the XYZ color 44.3864, 44.0489,

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

44.3864, 44.0489, 39.4206

Protanopia

42.0109, 44.2433, 40.5080

Deuteranopia

44.9955, 44.0814, 39.3947



Tritanopia

46.7189, 44.1708, 50.3194

Trichromacy



Original Color

44.3864, 44.0489, 39.4206

Protanomaly

42.7493, 44.0520, 39.9680

Deuteranomaly

44.7275, 43.9432, 39.3822

Tritanomaly

45.8341, 44.0848, 46.1379

Monochromacy



Original Color

44.3864, 44.0489, 39.4206

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.8836, 44.3052, 44.8196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3864, 44.0489, 39.4206 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(198, 172, 160)` looks like.

```
.text, #text, p{  
    color:rgb(198, 172, 160)  
}
```

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(198, 172, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 172, 160) }
```

Border

The CSS property to change the border of an element to XYZ 44.3864, 44.0489, 39.4206 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(198, 172, 160) }
```


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

```
.border{ border-color:rgb(198, 172, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 172, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 172, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 172, 160);  
box-shadow:4px 4px 4px 4px rgb(198, 172,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3864, 44.0489, 39.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 172, 160) }
```

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

```
.background{ background-color: rgb(198,  
172, 160) }
```

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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