

Converting Colors

XYZ(45.3068, 44.0232, 49.2894)

Have a look what the booklet for
XYZ(45.3068, 44.0232, 49.2894)
contains.

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Color

**XYZ(45.3068, 44.0232,
49.2894)**

Conversions

Conversions Part 1

Format	Color
Hex	C3ABB4
RGB	195, 171, 180
RGB Percent	76%, 67%, 71%
CMY	0.2353, 0.3294, 0.2941
CMYK	0.00, 0.12, 0.08, 0.24
HSL	338°, 17%, 72%
HSV	338°, 12%, 76%
XYZ	45.3068, 44.0232, 49.2894
YIQ	179.2020, 11.4150, 7.8870

Conversions

Conversions Part 2

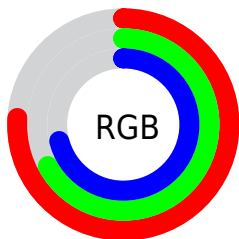
Format	Color
R_{YB}	195, 171, 180
Decimal	12823476
CIE Lab	72.24, 10.22, -1.42
CIE LCh	72, 10.318, 352.084
Yxy	44.0232, 0.3268, 0.3176
Android (android.graphics.Color)	4291013556 (0xFFC3ABB4)
YUV	179.2020, 0.3934, 13.8548
Hunter-Lab	66.3500, 5.7755, 2.4002

Details

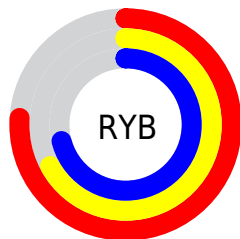
The XYZ color **45.3068, 44.0232, 49.2894** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1743, 51.2345, 53.9652**, and the grayscale version is **42.9502, 45.1869, 49.2086**.

A 20% lighter version of the original color is **82.4816, 81.1443, 90.6720**, and **21.4121, 20.3887, 22.8855** is the 20% darker color. If you saturate the color by 10%, you get **40.7043, 36.7183, 41.8960**, and if you desaturate by 10%, it is **50.5644, 52.4624, 57.4411**.

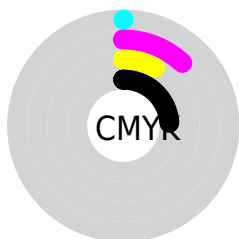
Distribution



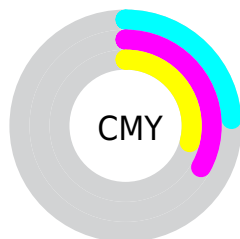
- Red (76%)
- Green (67%)
- Blue (71%)



- Red (76%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (24%)





- Cyan (24%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3068, 44.0232, 49.2894 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 45.3068, 44.0232, 49.2894 by changing the saturation by 10% instead.


 45.3068, 44.0232,
49.2894

 45.3068, 44.0232,
49.2894


358.7775,
362.8029, 400.5357

 31.9015, 30.6887,
34.4819


 82.4148, 81.2527,
90.5066

 21.4414, 20.3620,
22.9837


106.8482,
105.9164, 117.7533

 13.5613, 12.6584,
14.3763

135.6884,
135.1255, 149.9835

 7.8959, 7.1938,
8.2411

169.3006,
169.2641, 187.6157

 4.0796, 3.5836,
4.1596

208.0503,
208.7168, 231.0685

 1.7473, 1.4435,
1.7133

252.3028,

 0.4856, 0.2484,

253.8679, 280.7604

0.3698

302.4234,
305.1018, 337.1100

■ 0.0000, 0.0000,
0.0000

■ 45.3068, 44.0232,
49.2894

■ 45.3068, 44.0232,
49.2894

■ 40.7043, 36.7183,
41.8960

■ 50.5644, 52.4624,
57.4411

■ 36.7266, 30.4935,
35.2353

■ 56.4984, 62.0757,
66.3698

■ 33.3467, 25.2985,
29.2846

■ 63.1335, 72.9080,
76.0973

■ 30.5340, 21.0770,
24.0185

■ 70.4923, 85.0004,
86.6433

■ 28.2548, 17.7671,
19.4102

■ 74.1353, 89.4700,
96.5401

■ 26.4721, 15.2996,
15.4307

■ 76.0174, 90.2228,
106.4510

■ 25.1433, 13.5957,
12.0485

■ 76.3159, 90.3422,
108.0233

■ 24.2184, 12.5606,
9.2281

■ 23.7121, 12.0847,
7.4050

Harmonies

Analogous

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



44.5869, 44.0232, 54.1796



45.3068, 44.0232, 49.2894



45.0780, 44.0232, 44.3601

Triad

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



45.3068, 44.0232, 49.2894



40.5755, 44.0232, 39.4533



39.7850, 44.0232, 56.0461

Complementary

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



45.3068, 44.0232, 49.2894



45.1743, 51.2345, 53.9652

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.



38.7661, 44.0232, 51.6944



45.3068, 44.0232, 49.2894



39.2135, 44.0232, 42.1874

Square

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



45.3068, 44.0232, 49.2894



42.3134, 44.0232, 38.9090



38.5599, 44.0232, 46.6032



41.3755, 44.0232, 58.2561

Rectangle

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



45.3068, 44.0232, 49.2894



44.4211, 44.0232, 41.6904



38.5599, 44.0232, 46.6032



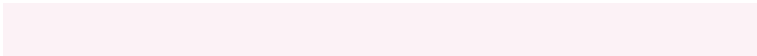
39.3661, 44.0232, 54.7713

Sweetspot

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



45.3081, 44.0251, 49.2903



88.8208, 91.1559, 100.2132



44.6159, 43.4821, 57.6717



19.2871, 19.6987, 21.6941



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.



45.3081, 44.0251, 49.2903



78.6144, 74.8129, 84.2643



44.9553, 44.7392, 44.7965



10.2259, 10.1390, 11.2801



15.4492, 7.8694, 5.0115



0.7010, 0.3534, 0.3930

Inverse Universe

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



45.3081, 44.0251, 49.2903



78.6144, 74.8129, 84.2643



45.5399, 50.3864, 58.9557



10.2259, 10.1390, 11.2801



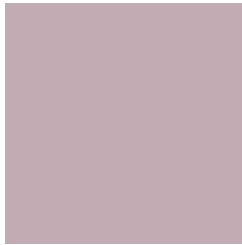
15.4492, 7.8694, 5.0115



0.7010, 0.3534, 0.3930

Previews

White Background



This preview shows how the XYZ color 45.3068, 44.0232, 49.2894 looks on a white background.

Color Contrast Check

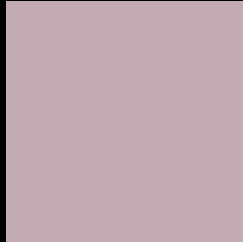
Large Text (above 18pt) WCAG AA × Fail

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 45.3068, 44.0232, 49.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

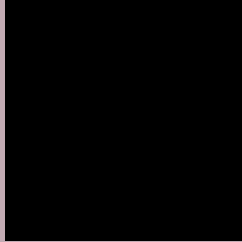
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3068, 44.0232, 49.2894

Background



This preview shows how black text looks on a background with the XYZ color 45.3068, 44.0232, 49.2894.



This preview shows how white text looks on a background with the XYZ color 45.3068, 44.0232,

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

45.3068, 44.0232, 49.2894

Protanopia

42.6630, 44.0533, 51.0543

Deuteranopia

44.9831, 44.1378, 49.3286



Tritanopia

45.7914, 43.9459, 51.4163

Trichromacy



Original Color

45.3068, 44.0232, 49.2894

Protanomaly

43.5871, 43.9638, 50.4445

Deuteranomaly

45.2389, 44.2697, 49.3406

Tritanomaly

45.6869, 43.9041, 50.8661

Monochromacy



Original Color

45.3068, 44.0232, 49.2894

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.6696, 44.6196, 48.9586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3068, 44.0232, 49.2894 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(195, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(195, 171, 180)  
}
```

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(195, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 171, 180) }
```

Border

The CSS property to change the border of an element to XYZ 45.3068, 44.0232, 49.2894 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(195, 171, 180) }
```


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

```
.border{ border-color:rgb(195, 171, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(195, 171,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3068, 44.0232, 49.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 171, 180) }
```

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

```
.background{ background-color: rgb(195,  
171, 180) }
```

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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