

Converting Colors

XYZ(45.7317, 44.4652, 50.4072)

Have a look what the booklet for
XYZ(45.7317, 44.4652, 50.4072)
contains.

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Color

**XYZ(45.7017, 44.4845,
50.4336)**

Conversions

Conversions Part 1

Format	Color
Hex	C3ACB6
RGB	195, 172, 182
RGB Percent	76%, 67%, 71%
CMY	0.2353, 0.3255, 0.2863
CMYK	0.00, 0.12, 0.07, 0.24
HSL	334°, 16%, 72%
HSV	334°, 12%, 76%
XYZ	45.7017, 44.4845, 50.4336
YIQ	180.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

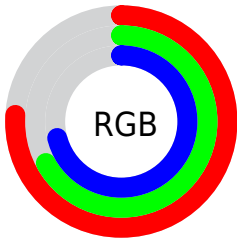
Format	Color
R _{YB}	195, 172, 182
Decimal	12823734
CIE Lab	72.55, 10.03, -2.07
CIE LCh	73, 10.239, 348.332
Yxy	44.4845, 0.3250, 0.3163
Android (android.graphics.Color)	4291013814 (0xFFC3ACB6)
YUV	180.0170, 0.9776, 13.1401
Hunter-Lab	66.6967, 5.5920, 1.8548

Details

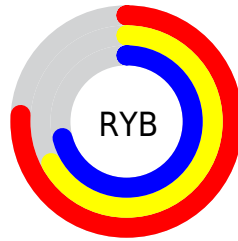
The XYZ color **45.7017, 44.4845, 50.4336** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.2870, 51.3049, 53.4173**, and the grayscale version is **43.3835, 45.6429, 49.7051**.

A 20% lighter version of the original color is **83.0466, 81.8067, 92.3022**, and **21.6634, 20.6806, 23.6189** is the 20% darker color. If you saturate the color by 10%, you get **41.1648, 37.1622, 43.5204**, and if you desaturate by 10%, it is **50.8754, 52.9357, 58.0026**.

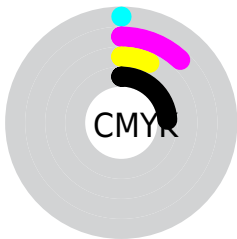
Distribution



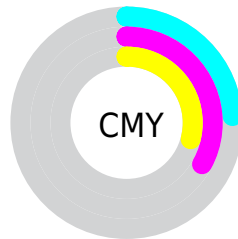
- Red (76%)
- Green (67%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (24%)



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

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.7017, 44.4845, 50.4336 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 45.7017, 44.4845, 50.4336 by changing the saturation by 10% instead.

 45.7017, 44.4845,
50.4336

 45.7017, 44.4845,
50.4336


360.3442,
364.6817, 405.1427

 32.2141, 31.0516,
35.3845


 83.0030, 81.9463,
92.2199

 21.6814, 20.6381,
23.6733


107.5474,
106.7440, 119.7941

 13.7383, 12.8597,
14.8815


136.5082,
136.0987, 152.3805

 8.0194, 7.3320,
8.5905

170.2506,
170.3949, 190.3975

 4.1592, 3.6706,
4.3819

209.1400,
210.0168, 234.2636

 1.7926, 1.4911,
1.8371

253.5419,

 0.5132, 0.2824,

255.3491, 284.3975

0.4523

303.8215,
306.7759, 341.2177

■ 0.0000, 0.0000,
0.0000

■ 45.7017, 44.4845,
50.4336

■ 45.7017, 44.4845,
50.4336

■ 41.1648, 37.1622,
43.5204

■ 50.8754, 52.9357,
58.0026

■ 37.2353, 30.9149,
37.2415

■ 56.7062, 62.5551,
66.2425

■ 33.8868, 25.6930,
31.5782

■ 63.2184, 73.3872,
75.1712

■ 31.0898, 21.4407,
26.5096

■ 70.4336, 85.4727,
84.8052

■ 28.8118, 18.0967,
22.0137

■ 73.5693, 89.2436,
93.5594

■ 27.0166, 15.5927,
18.0664

■ 75.2312, 89.9083,
102.3109

■ 25.6634, 13.8508,
14.6418

■ 76.3160, 90.3423,
108.0233

■ 24.7034, 12.7778,
11.7104

■ 24.1364, 12.2544,
9.6392

Harmonies

Analogous

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



44.8742, 44.4845, 55.2074



45.7017, 44.4845, 50.4336



45.5940, 44.4845, 45.4353

Triad

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



45.7017, 44.4845, 50.4336



41.2200, 44.4845, 39.7624



40.0593, 44.4845, 56.0861

Complementary

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



45.7017, 44.4845, 50.4336



45.2870, 51.3049, 53.4173

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.



39.1329, 44.4845, 51.5661



45.7017, 44.4845, 50.4336



39.7900, 44.4845, 42.2423

Square

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



45.7017, 44.4845, 50.4336



42.9730, 44.4845, 39.5059



39.0357, 44.4845, 46.4920



41.5968, 44.4845, 58.6197

Rectangle

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



45.7017, 44.4845, 50.4336



45.0068, 44.4845, 42.6402



39.0357, 44.4845, 46.4920



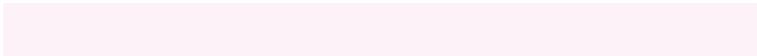
39.6679, 44.4845, 54.7347

Sweetspot

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



45.7030, 44.4865, 50.4346



88.9137, 91.1930, 100.7026



44.5277, 43.7181, 57.7220



19.3112, 19.7083, 21.8207



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.



45.7030, 44.4865, 50.4346



79.7810, 76.3134, 87.2200



44.9260, 44.5273, 45.2588



10.2509, 10.1490, 11.4120



15.7278, 7.9809, 6.4786



0.7141, 0.3586, 0.4618

Inverse Universe

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



45.7030, 44.4865, 50.4346



79.7810, 76.3134, 87.2200



46.1234, 51.2288, 59.0876



10.2509, 10.1490, 11.4120



15.7278, 7.9809, 6.4786



0.7141, 0.3586, 0.4618

Previews

White Background



This preview shows how the XYZ color 45.7017, 44.4845, 50.4336 looks on a white background.

Color Contrast Check

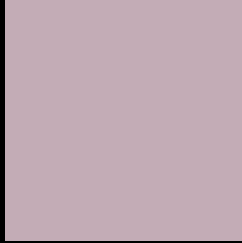
Large Text (above 18pt) WCAG AA × Fail

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 45.7017, 44.4845, 50.4336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

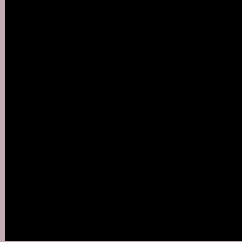
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7017, 44.4845, 50.4336

Background



This preview shows how black text looks on a background with the XYZ color 45.7017, 44.4845, 50.4336.



This preview shows how white text looks on a background with the XYZ color 45.7017, 44.4845,

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

45.7017, 44.4845, 50.4336

Protanopia

43.0695, 44.5308, 52.2242

Deuteranopia

45.3794, 44.6020, 50.4733



Tritanopia

46.0152, 44.6099, 52.0843

Trichromacy



Original Color

45.7017, 44.4845, 50.4336

Protanomaly

43.9893, 44.4349, 51.6057

Deuteranomaly

45.6352, 44.7339, 50.4852

Tritanomaly

45.9099, 44.5678, 51.5301

Monochromacy



Original Color

45.7017, 44.4845, 50.4336

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.0702, 45.0948, 50.0975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7017, 44.4845, 50.4336 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, 172, 182)` looks like.

```
.text, #text, p{  
    color:rgb(195, 172, 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(195, 172, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 172, 182) }
```

Border

The CSS property to change the border of an element to XYZ 45.7017, 44.4845, 50.4336 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, 172, 182) }
```


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

```
.border{ border-color:rgb(195, 172, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 172, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 172, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 172, 182);  
box-shadow:4px 4px 4px 4px rgb(195, 172,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7017, 44.4845, 50.4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 172, 182) }
```

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

```
.background{ background-color: rgb(195,  
172, 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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