

Converting Colors

XYZ(43.4437, 38.4801, 42.6173)

Have a look what the booklet for
XYZ(43.4437, 38.4801, 42.6173)
contains.

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Color

**XYZ(43.4545, 38.4844,
42.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	CC99A9
RGB	204, 153, 169
RGB Percent	80%, 60%, 66%
CMY	0.2000, 0.4000, 0.3373
CMYK	0.00, 0.25, 0.17, 0.20
HSL	341°, 33%, 70%
HSV	341°, 25%, 80%
XYZ	43.4545, 38.4844, 42.6740
YIQ	170.0730, 25.2600, 15.7880

Conversions

Conversions Part 2

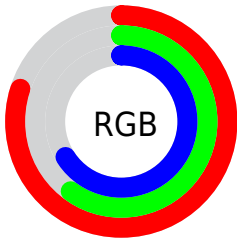
Format	Color
R_{YB}	204, 153, 169
Decimal	13408681
CIE _{Lab}	68.38, 21.49, -0.89
CIE _{LCh}	68, 21.513, 357.637
Yxy	38.4844, 0.3487, 0.3088
Android (android.graphics.Color)	4291598761 (0xFFCC99A9)
YUV	170.0730, -0.5290, 29.7540
Hunter-Lab	62.0358, 16.4721, 2.6399

Details

The XYZ color **43.4545, 38.4844, 42.6740** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.8084, 53.5899, 55.6145**, and the grayscale version is **38.2395, 40.2309, 43.8115**.

A 20% lighter version of the original color is **77.2504, 71.7536, 80.2993**, and **20.3567, 17.1767, 19.0721** is the 20% darker color. If you saturate the color by 10%, you get **39.1519, 31.8711, 35.0985**, and if you desaturate by 10%, it is **48.4708, 46.2992, 51.1828**.

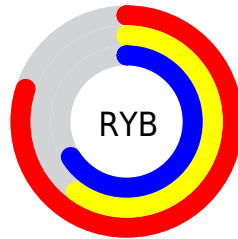
Distribution



Red (80%)

Green (60%)

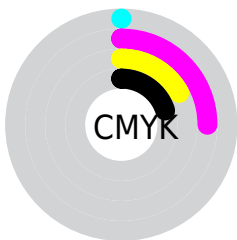
Blue (66%)



Red (80%)

Yellow (60%)

Blue (66%)

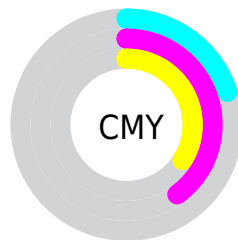


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (20%)



Cyan (20%)


Magenta (40%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4545, 38.4844, 42.6740 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 43.4545, 38.4844, 42.6740 by changing the saturation by 10% instead.


 43.4545, 38.4844,
42.6740


 43.4545, 38.4844,
42.6740


351.3675,
339.6934, 373.1511

 30.4379, 26.3589,
29.2999


 79.6477, 72.8500,
80.4998

 20.3210, 17.0923,
19.0603

 103.5551, 95.8588,
105.7885

 12.7382, 10.3003,
11.5366


131.8234,
123.2642, 135.8859

 7.3243, 5.5985,
6.3103

164.8182,
155.4506, 171.2104

 3.7138, 2.6025,
2.9628

202.9046,
192.8023, 212.1807

 1.5415, 0.9279,
1.0757

246.4480,

 0.3538, 0.0000,

235.7037, 259.2152

0.0000

295.8139,
284.5393, 312.7325

■ 0.0000, 0.0000,
0.0000

■ 43.4545, 38.4844,
42.6740

■ 43.4545, 38.4844,
42.6740

■ 39.1519, 31.8711,
35.0985

■ 48.4708, 46.2992,
51.1828

■ 35.5264, 26.3941,
28.4209

■ 54.2289, 55.3657,
60.6537

■ 32.5429, 21.9902,
22.6072

■ 60.7590, 65.7379,
71.1172

■ 30.1615, 18.5878,
17.6199

■ 68.0888, 77.4648,
82.6016

■ 28.3380, 16.1063,
13.4185

■ 76.2430, 90.5898,
95.1335

■ 27.0212, 14.4527,
9.9586

■ 78.3929, 91.4498,
106.4547

■ 26.1499, 13.5138,
7.1903

■ 78.7120, 91.5775,
108.1354

■ 25.8271, 13.2075,
6.0370

Harmonies

Analogous

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



42.3395, 38.4844, 52.6619



43.4545, 38.4844, 42.6740



42.6352, 38.4844, 33.8578

Triad

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



43.4545, 38.4844, 42.6740



33.6492, 38.4844, 27.4978



33.2127, 38.4844, 59.6481

Complementary

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



43.4545, 38.4844, 42.6740



43.8084, 53.5899, 55.6145

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.



31.1240, 38.4844, 51.1312



43.4545, 38.4844, 42.6740



31.3649, 38.4844, 32.7193

Square

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



43.4545, 38.4844, 42.6740



36.8465, 38.4844, 25.9384



30.4686, 38.4844, 41.1413



36.3113, 38.4844, 63.3561

Rectangle

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



43.4545, 38.4844, 42.6740



41.1286, 38.4844, 29.6135



30.4686, 38.4844, 41.1413



32.3766, 38.4844, 57.1941

Sweetspot

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



43.4556, 38.4862, 42.6748



87.7074, 88.3712, 97.0301



42.9938, 37.8163, 62.1604



18.6439, 18.7113, 20.5577



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.



43.4556, 38.4862, 42.6748



67.9796, 57.5879, 63.7182



43.6350, 41.1032, 35.7730



11.3549, 11.2707, 12.4033



16.2932, 8.3279, 3.9965



0.8749, 0.4434, 0.3872

Inverse Universe

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



43.4556, 38.4862, 42.6748



67.9796, 57.5879, 63.7182



43.4741, 50.0066, 64.4881



11.3549, 11.2707, 12.4033



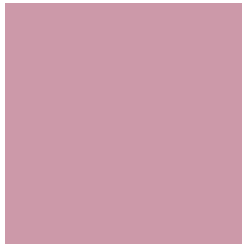
16.2932, 8.3279, 3.9965



0.8749, 0.4434, 0.3872

Previews

White Background



This preview shows how the XYZ color 43.4545, 38.4844, 42.6740 looks on a white background.

Color Contrast Check

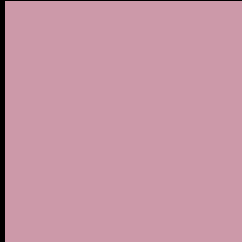
Large Text (above 18pt) WCAG AA × Fail

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 43.4545, 38.4844, 42.6740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

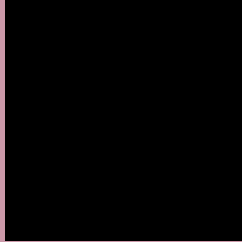
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4545, 38.4844, 42.6740

Background



This preview shows how black text looks on a background with the XYZ color 43.4545, 38.4844, 42.6740.



This preview shows how white text looks on a background with the XYZ color 43.4545, 38.4844,

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

43.4545, 38.4844, 42.6740

Protanopia

37.5084, 38.6623, 47.0806

Deuteranopia

39.4238, 38.6980, 41.9508



Tritanopia

43.2490, 38.6652, 40.7810

Trichromacy



Original Color

43.4545, 38.4844, 42.6740

Protanomaly

39.2072, 38.2490, 45.3608

Deuteranomaly

40.9519, 38.6998, 42.3572

Tritanomaly

43.3404, 38.7017, 41.2623

Monochromacy



Original Color

43.4545, 38.4844, 42.6740

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.8226, 39.3983, 43.5360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4545, 38.4844, 42.6740 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(204, 153, 169)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 169)  
}
```

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(204, 153, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 169) }
```

Border

The CSS property to change the border of an element to XYZ 43.4545, 38.4844, 42.6740 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(204, 153, 169) }
```


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

```
.border{ border-color:rgb(204, 153, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 169);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4545, 38.4844, 42.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 169) }
```

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

```
.background{ background-color: rgb(204,  
153, 169) }
```

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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