

Converting Colors

XYZ(45.5718, 45.5555, 43.5213)

Have a look what the booklet for
XYZ(45.5718, 45.5555, 43.5213)
contains.

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Color

**XYZ(45.4238, 45.3574,
43.4066)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AFA8
RGB	197, 175, 168
RGB Percent	77%, 69%, 66%
CMY	0.2274, 0.3137, 0.3412
CMYK	0.00, 0.11, 0.15, 0.23
HSL	14°, 20%, 72%
HSV	14°, 15%, 77%
XYZ	45.4238, 45.3574, 43.4066
YIQ	180.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

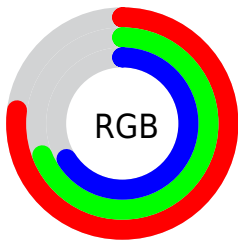
Format	Color
RYB	197, 177, 168
Decimal	12955560
CIELab	73.13, 6.75, 6.47
CIELCh	73, 9.351, 43.786
Yxy	45.3574, 0.3385, 0.3380
Android (android.graphics.Color)	4291145640 (0xFFC5AFA8)
YUV	180.7800, -6.3005, 14.2249
Hunter-Lab	67.3479, 2.5332, 8.9304

Details

The XYZ color **45.4238, 45.3574, 43.4066** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6397, 49.1819, 59.9640**, and the grayscale version is **43.8303, 46.1129, 50.2169**.

A 20% lighter version of the original color is **82.7682, 83.5504, 81.5765**, and **21.5630, 21.2665, 19.4913** is the 20% darker color. If you saturate the color by 10%, you get **40.9769, 39.1813, 33.5452**, and if you desaturate by 10%, it is **50.4731, 52.2924, 54.8416**.

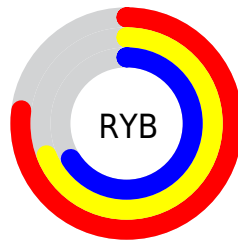
Distribution



Red (77%)

Green (69%)

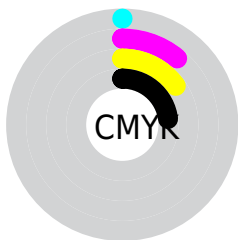
Blue (66%)



Red (77%)

Yellow (69%)

Blue (66%)

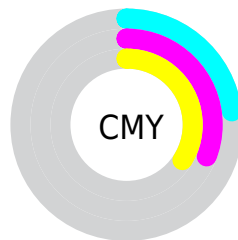


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (23%)



Cyan (23%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4238, 45.3574, 43.4066 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 45.4238, 45.3574, 43.4066 by changing the saturation by 10% instead.


 45.4238, 45.3574,
43.4066

 45.4238, 45.3574,
43.4066


359.2421,
368.2191, 376.2515

 31.9941, 31.7390,
29.8705

 82.5892, 83.2565,
81.6170

 21.5125, 21.1622,
19.4891


107.0555,
108.3060, 107.1284

 13.6137, 13.2427,
11.8438


135.9314,
137.9346, 137.4686

 7.9324, 7.5958,
6.5162

169.5823,
172.5268, 173.0563

 4.1032, 3.8374,
3.0876

208.3734,
212.4670, 214.3098

 1.7607, 1.5831,
1.1395

252.6702,

 0.4938, 0.3461,

258.1395, 261.6479

0.0000

302.8380,
309.9287, 315.4889

■ 0.0000, 0.0000,
0.0000

■ 45.4238, 45.3574,
43.4066

■ 45.4238, 45.3574,
43.4066

■ 40.9769, 39.1813,
33.5452

■ 50.4731, 52.2924,
54.8416

■ 37.1058, 33.7323,
25.1855

■ 56.1427, 60.0049,
67.9123

■ 33.7874, 28.9849,
18.2540

■ 62.4544, 68.5204,
82.6806

■ 30.9953, 24.9102,
12.6701

■ 69.4278, 77.8612,
99.2048

■ 28.7012, 21.4769,
8.3449

■ 75.1739, 87.2859,
107.4935

■ 26.8737, 18.6513,
5.1788

■ 76.8361, 90.6104,
108.0476

■ 25.4775, 16.3962,
3.0570

■ 24.4715, 14.6700,
1.8405

■ 24.0658, 13.9498,
1.4242

Harmonies

Analogous

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



46.2412, 45.3574, 47.2690



45.4238, 45.3574, 43.4066



43.9959, 45.3574, 41.2249

Triad

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



45.4238, 45.3574, 43.4066



40.1580, 45.3574, 46.9115



43.8654, 45.3574, 58.6707

Complementary

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



45.4238, 45.3574, 43.4066



44.6397, 49.1819, 59.9640

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.



42.2378, 45.3574, 58.5599



45.4238, 45.3574, 43.4066



40.1250, 45.3574, 51.5663

Square

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



45.4238, 45.3574, 43.4066



40.9689, 45.3574, 43.1592



40.8778, 45.3574, 55.8918



45.3262, 45.3574, 56.1857

Rectangle

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



45.4238, 45.3574, 43.4066



42.9033, 45.3574, 40.9252



40.8778, 45.3574, 55.8918



43.3191, 45.3574, 58.9404

Sweetspot

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



45.4250, 45.3594, 43.4076



91.0323, 94.5231, 99.6731



46.3489, 43.6041, 54.8231



19.3273, 20.0169, 20.9744



0.0000, 0.0000, 0.0000



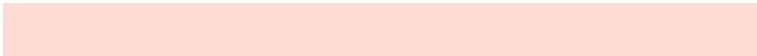
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.4250, 45.3594, 43.4076



78.4028, 77.1520, 71.1461



48.3493, 51.2080, 44.3823



10.8384, 11.0460, 11.1236



15.8844, 9.2860, 0.9552



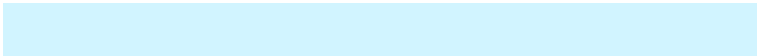
0.8107, 0.5569, 0.0648

Inverse Universe

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



44.6397, 49.1819, 59.9640



76.6979, 85.4401, 107.0569



41.7002, 43.3029, 58.9842



10.7213, 11.6167, 13.5947



13.8097, 17.0134, 37.3004



0.7076, 0.9130, 1.7841

Previews

White Background



This preview shows how the XYZ color 45.4238, 45.3574, 43.4066 looks on a white background.

Color Contrast Check

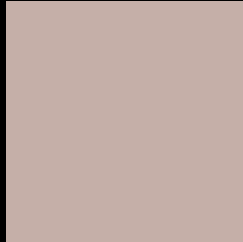
Large Text (above 18pt) WCAG AA × Fail

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 45.4238, 45.3574, 43.4066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

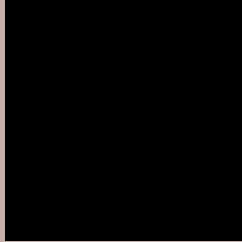
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4238, 45.3574, 43.4066

Background



This preview shows how black text looks on a background with the XYZ color 45.4238, 45.3574, 43.4066.



This preview shows how white text looks on a background with the XYZ color 45.4238, 45.3574,

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

45.4238, 45.3574, 43.4066

Protanopia

43.3834, 45.4568, 44.5177

Deuteranopia

46.0988, 45.1318, 43.3274



Tritanopia

47.1686, 45.1923, 52.6913

Trichromacy



Original Color

45.4238, 45.3574, 43.4066

Protanomaly

44.0681, 45.5242, 44.0005

Deuteranomaly

46.0234, 45.3786, 43.3790

Tritanomaly

46.3690, 45.1476, 48.9183

Monochromacy



Original Color

45.4238, 45.3574, 43.4066

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.4501, 45.9396, 47.5988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4238, 45.3574, 43.4066 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(197, 175, 168)` looks like.

```
.text, #text, p{  
    color:rgb(197, 175, 168)  
}
```

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(197, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 175, 168) }
```

Border

The CSS property to change the border of an element to XYZ 45.4238, 45.3574, 43.4066 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(197, 175, 168) }
```


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

```
.border{ border-color:rgb(197, 175, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 175, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 175, 168);  
box-shadow:4px 4px 4px 4px rgb(197, 175,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4238, 45.3574, 43.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 175, 168) }
```

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

```
.background{ background-color: rgb(197,  
175, 168) }
```

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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