

Converting Colors

XYZ(50.8638, 50.0075, 45.7438)

Have a look what the booklet for
XYZ(50.8638, 50.0075, 45.7438)
contains.

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Color

**XYZ(50.7385, 49.8369,
45.4734)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B5AB
RGB	211, 181, 171
RGB Percent	83%, 71%, 67%
CMY	0.1725, 0.2902, 0.3294
CMYK	0.00, 0.14, 0.19, 0.17
HSL	15°, 31%, 75%
HSV	15°, 19%, 83%
XYZ	50.7385, 49.8369, 45.4734
YIQ	188.8300, 21.0900, 3.2500

Conversions

Conversions Part 2

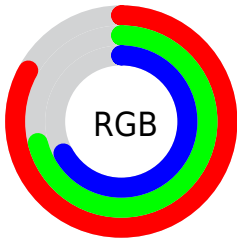
Format	Color
R_{YB}	211, 184, 171
Decimal	13874603
CIE _{Lab}	75.97, 9.19, 9.07
CIE _{LCh}	76, 12.911, 44.639
Yxy	49.8369, 0.3474, 0.3412
Android (android.graphics.Color)	4292064683 (0xFFD3B5AB)
YUV	188.8300, -8.7902, 19.4431
Hunter-Lab	70.5953, 4.7505, 11.2255

Details

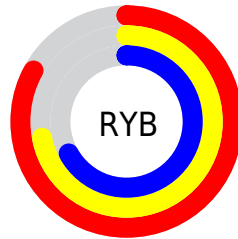
The XYZ color **50.7385, 49.8369, 45.4734** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.4387, 55.1330, 69.6643**, and the grayscale version is **48.3139, 50.8300, 55.3539**.

A 20% lighter version of the original color is **85.2517, 87.3194, 84.3126**, and **24.7592, 23.8382, 20.7490** is the 20% darker color. If you saturate the color by 10%, you get **45.8492, 43.0239, 34.7005**, and if you desaturate by 10%, it is **56.3170, 57.5137, 58.0612**.

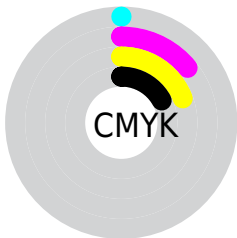
Distribution



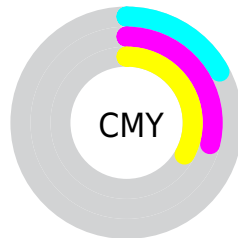
- Red (83%)
- Green (71%)
- Blue (67%)



- Red (83%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (17%)





- Cyan (17%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7385, 49.8369, 45.4734 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 50.7385, 49.8369, 45.4734 by changing the saturation by 10% instead.


 50.7385, 49.8369,
45.4734

 50.7385, 49.8369,
45.4734


379.9514,
386.0278, 384.9034

 36.2207, 35.2838,
31.4848


 90.4534, 89.9332,
84.7563

 24.7756, 23.8816,
20.7067

116.3813,
116.2452, 110.8877

 16.0378, 15.2458,
12.7207

146.8432,
147.2456, 141.9038

 9.6419, 8.9921,
7.1080

182.2045,
183.3188, 178.2231

 5.2226, 4.7360,
3.4503

222.8307,
224.8492, 220.2642

 2.4146, 2.0932,
1.3289

269.0870,

 0.8524, 0.6608,

272.2213, 268.4455

0.0853

321.3387,
325.8193, 323.1858

■ 0.0000, 0.0000,
0.0000

■ 50.7385, 49.8369,
45.4734

■ 50.7385, 49.8369,
45.4734

■ 45.8492, 43.0239,
34.7005

■ 56.3170, 57.5137,
58.0612

■ 41.6177, 37.0374,
25.6552

■ 62.6065, 66.0764,
72.5393

■ 38.0162, 31.8477,
18.2477

■ 69.6327, 75.5548,
88.9827

■ 35.0129, 27.4201,
12.3789

■ 77.3542, 85.9491,
107.1206

■ 32.5734, 23.7177,
7.9387

■ 80.6741, 92.5889,
108.2272

■ 30.6595, 20.7002,
4.8022

■ 29.2273, 18.3230,
2.8228

■ 28.2150, 16.5316,
1.7670

■ 28.1268, 16.3744,
1.6781

Harmonies

Analogous

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



51.9889, 49.8369, 50.9826



50.7385, 49.8369, 45.4734



48.6051, 49.8369, 42.4601

Triad

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



50.7385, 49.8369, 45.4734



43.0444, 49.8369, 50.8280



48.5478, 49.8369, 68.1250

Complementary

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



50.7385, 49.8369, 45.4734



49.4387, 55.1330, 69.6643

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.



46.1530, 49.8369, 68.0747



50.7385, 49.8369, 45.4734



43.0302, 49.8369, 57.6831

Square

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



50.7385, 49.8369, 45.4734



44.1904, 49.8369, 45.3685



44.1511, 49.8369, 64.1200



50.6953, 49.8369, 64.2521

Rectangle

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



50.7385, 49.8369, 45.4734



46.9952, 49.8369, 42.0959



44.1511, 49.8369, 64.1200



47.7438, 49.8369, 68.5762

Sweetspot

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



50.7399, 49.8391, 45.4744



89.1320, 91.9503, 95.2550



51.9700, 47.1924, 61.6287



18.9453, 19.5002, 20.0846



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.



50.7399, 49.8391, 45.4744



74.5425, 71.8592, 62.3751



55.1017, 58.5629, 46.9284



12.0456, 12.2818, 12.3478



17.0436, 10.0203, 1.0358



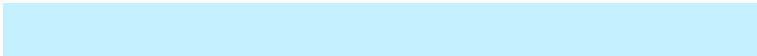
1.0173, 0.6888, 0.0793

Inverse Universe

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



49.4387, 55.1330, 69.6643



72.1639, 81.5184, 106.5389



45.0769, 46.4095, 68.2104



11.8976, 12.8854, 15.1037



14.5834, 17.8133, 39.8622



0.8763, 1.1177, 2.2491

Previews

White Background



This preview shows how the XYZ color 50.7385, 49.8369, 45.4734 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 50.7385, 49.8369, 45.4734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

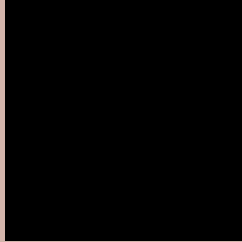
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7385, 49.8369, 45.4734

Background



This preview shows how black text looks on a background with the XYZ color 50.7385, 49.8369, 45.4734.



This preview shows how white text looks on a background with the XYZ color 50.7385, 49.8369,

45.4734.

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

50.7385, 49.8369, 45.4734

Protanopia

47.6584, 50.0660, 47.1962

Deuteranopia

51.0259, 49.9851, 45.4868



Tritanopia

53.1664, 49.9427, 56.7069

Trichromacy



Original Color

50.7385, 49.8369, 45.4734

Protanomaly

48.7112, 49.9944, 46.6177

Deuteranomaly

51.0259, 49.9851, 45.4868

Tritanomaly

52.2124, 49.8470, 52.2169

Monochromacy



Original Color

50.7385, 49.8369, 45.4734

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.0284, 50.3655, 51.3934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7385, 49.8369, 45.4734 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(211, 181, 171)` looks like.

```
.text, #text, p{  
    color:rgb(211, 181, 171)  
}
```

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(211, 181, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 181, 171) }
```

Border

The CSS property to change the border of an element to XYZ 50.7385, 49.8369, 45.4734 is called "border". The border property can be set on classes, ids or directly on the HTML element.

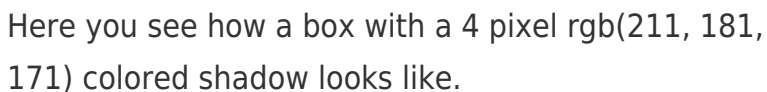
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 181, 171) }
```


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

```
.border{ border-color:rgb(211, 181, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(211, 181, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 181, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 181, 171);  
box-shadow:4px 4px 4px 4px rgb(211, 181,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7385, 49.8369, 45.4734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 181, 171) }
```

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

```
.background{ background-color: rgb(211,  
181, 171) }
```

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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