

Converting Colors

XYZ(44.4770, 42.5923, 50.4773)

Have a look what the booklet for
XYZ(44.4770, 42.5923, 50.4773)
contains.

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Color

**XYZ(44.3583, 42.3938,
50.6446)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A7B7
RGB	193, 167, 183
RGB Percent	76%, 65%, 72%
CMY	0.2431, 0.3451, 0.2823
CMYK	0.00, 0.13, 0.05, 0.24
HSL	323°, 17%, 71%
HSV	323°, 13%, 76%
XYZ	44.3583, 42.3938, 50.6446
YIQ	176.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

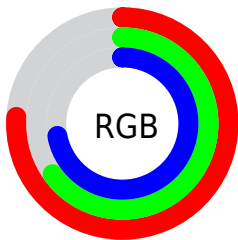
Format	Color
R_{YB}	193, 167, 183
Decimal	12691383
CIE Lab	71.14, 12.23, -4.72
CIE LCh	71, 13.105, 338.906
Yxy	42.3938, 0.3228, 0.3086
Android (android.graphics.Color)	4290881463 (0xFFC1A7B7)
YUV	176.5980, 3.1562, 14.3846
Hunter-Lab	65.1105, 7.6645, -0.5399

Details

The XYZ color **44.3583, 42.3938, 50.6446** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.9438, 49.5309, 48.8945**, and the grayscale version is **41.5604, 43.7248, 47.6163**.

A 20% lighter version of the original color is **81.1256, 78.7985, 92.5952**, and **20.8075, 19.3621, 23.7597** is the 20% darker color. If you saturate the color by 10%, you get **40.3309, 35.5427, 45.5899**, and if you desaturate by 10%, it is **48.9566, 50.3203, 56.0917**.

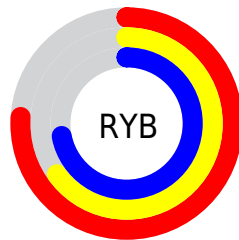
Distribution



Red (76%)

Green (65%)

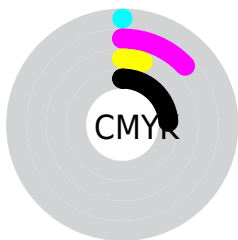
Blue (72%)



Red (76%)

Yellow (65%)

Blue (72%)

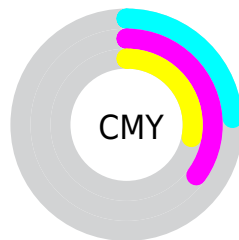


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3583, 42.3938, 50.6446 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 44.3583, 42.3938, 50.6446 by changing the saturation by 10% instead.


 44.3583, 42.3938,
50.6446


 44.3583, 42.3938,
50.6446


354.9960,
356.1128, 405.9885

 31.1514, 29.4098,
35.5511


 80.9996, 78.7953,
92.5353

 20.8666, 19.3910,
23.8007


 105.1648,
102.9815, 120.1696

 13.1384, 11.9532,
14.9750

133.7134,
131.6706, 152.8213

 7.6016, 6.7118,
8.6554

167.0109,
165.2470, 190.9088

 3.8907, 3.2825,
4.4234

205.4225,
204.0950, 234.8507

 1.6405, 1.2809,
1.8604

249.3136,

 0.4186, 0.1264,

248.5990, 285.0656

0.4673

299.0497,
299.1435, 341.9720

■ 0.0000, 0.0000,
0.0000

■ 44.3583, 42.3938,
50.6446

■ 44.3583, 42.3938,
50.6446

■ 40.3309, 35.5427,
45.5899

■ 48.9566, 50.3203,
56.0917

■ 36.8468, 29.7145,
40.9139

■ 54.1446, 59.3604,
61.9390

■ 33.8815, 24.8608,
36.6057

■ 59.9446, 69.5576,
68.1974

■ 31.4072, 20.9269,
32.6529

■ 66.3769, 80.9512,
74.8765

■ 29.3934, 17.8528,
29.0420

■ 70.6870, 88.0314,
81.0610

■ 27.8059, 15.5713,
25.7583

■ 71.6933, 88.4339,
86.3596

■ 26.6054, 14.0050,
22.7850

■ 72.7437, 88.8540,
91.8913

■ 25.7449, 13.0608,
20.1030

■ 73.8389, 89.2921,
97.6587

■ 25.3080, 12.6637,
18.4876

■ 74.9795, 89.7484,
103.6647

Harmonies

Analogous

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



43.0012, 42.3938, 56.2112



44.3583, 42.3938, 50.6446



44.6059, 42.3938, 44.3150

Triad

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



44.3583, 42.3938, 50.6446



39.6447, 42.3938, 35.2256



37.1004, 42.3938, 54.1684

Complementary

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



44.3583, 42.3938, 50.6446



42.9438, 49.5309, 48.8945

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.



36.2694, 42.3938, 48.0548



44.3583, 42.3938, 50.6446



37.7030, 42.3938, 37.3840

Square

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



44.3583, 42.3938, 50.6446



41.8310, 42.3938, 35.7828



36.4859, 42.3938, 41.9476



38.7951, 42.3938, 58.3705

Rectangle

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



44.3583, 42.3938, 50.6446



44.0999, 42.3938, 40.5640



36.4859, 42.3938, 41.9476



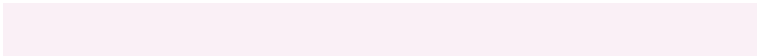
36.7137, 42.3938, 52.2475

Sweetspot

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



44.3595, 42.3957, 50.6455



87.1633, 89.2264, 99.8613



41.5699, 40.8330, 56.1433



18.5585, 18.8979, 21.2600



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



44.3595, 42.3957, 50.6455



77.3404, 72.3277, 88.1180



43.0714, 41.8804, 43.8624



10.3278, 10.1797, 11.8166



16.8726, 8.4388, 12.5071



0.7619, 0.3778, 0.7133

Inverse Universe

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



44.3595, 42.3957, 50.6455



77.3404, 72.3277, 88.1180



44.2983, 50.0727, 56.0272



10.3278, 10.1797, 11.8166



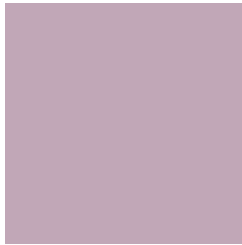
16.8726, 8.4388, 12.5071



0.7619, 0.3778, 0.7133

Previews

White Background



This preview shows how the XYZ color 44.3583, 42.3938, 50.6446 looks on a white background.

Color Contrast Check

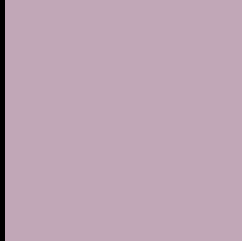
Large Text (above 18pt) WCAG AA × Fail

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 44.3583, 42.3938, 50.6446 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 44.3583, 42.3938, 50.6446

Background



This preview shows how black text looks on a background with the XYZ color 44.3583, 42.3938, 50.6446.



This preview shows how white text looks on a background with the XYZ color 44.3583, 42.3938,

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

44.3583, 42.3938, 50.6446

Protanopia

41.3688, 42.4737, 53.0316

Deuteranopia

43.2287, 42.3596, 50.6976



Tritanopia

44.1515, 42.3111, 49.5559

Trichromacy



Original Color

44.3583, 42.3938, 50.6446

Protanomaly

42.4819, 42.4947, 52.4176

Deuteranomaly

43.5361, 42.2430, 50.6589

Tritanomaly

44.2545, 42.3523, 50.0983

Monochromacy



Original Color

44.3583, 42.3938, 50.6446

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.6087, 43.2091, 48.7423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3583, 42.3938, 50.6446 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(193, 167, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 167, 183)  
}
```

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(193, 167, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 167, 183) }
```

Border

The CSS property to change the border of an element to XYZ 44.3583, 42.3938, 50.6446 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(193, 167, 183) }
```


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

```
.border{ border-color:rgb(193, 167, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 167, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 167, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 167, 183);  
box-shadow:4px 4px 4px 4px rgb(193, 167,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3583, 42.3938, 50.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 167, 183) }
```

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

```
.background{ background-color: rgb(193,  
167, 183) }
```

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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