

Converting Colors

XYZ(44.4821, 42.4552, 45.7862)

Have a look what the booklet for
XYZ(44.4821, 42.4552, 45.7862)
contains.

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Color

**XYZ(44.4847, 42.5637,
45.9154)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A7AE
RGB	197, 167, 174
RGB Percent	77%, 65%, 68%
CMY	0.2274, 0.3451, 0.3176
CMYK	0.00, 0.15, 0.12, 0.23
HSL	346°, 21%, 71%
HSV	346°, 15%, 77%
XYZ	44.4847, 42.5637, 45.9154
YIQ	176.7680, 15.6330, 8.5370

Conversions

Conversions Part 2

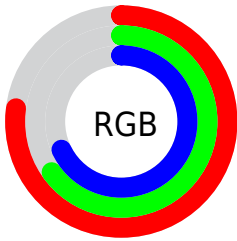
Format	Color
RYB	197, 167, 174
Decimal	12953518
CIELab	71.26, 12.09, 0.47
CIElCh	71, 12.102, 2.206
Yxy	42.5637, 0.3346, 0.3201
Android (android.graphics.Color)	4291143598 (0xFFC5A7AE)
YUV	176.7680, -1.3646, 17.7435
Hunter-Lab	65.2409, 7.5393, 3.9413

Details

The XYZ color **44.4847, 42.5637, 45.9154** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1986, 51.8669, 56.3469**, and the grayscale version is **41.6704, 43.8405, 47.7423**.

A 20% lighter version of the original color is **81.1372, 78.9705, 85.0952**, and **20.9713, 19.5062, 21.0721** is the 20% darker color. If you saturate the color by 10%, you get **39.7564, 35.3323, 37.4780**, and if you desaturate by 10%, it is **49.9308, 50.9647, 55.4101**.

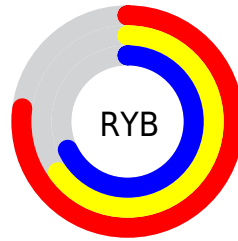
Distribution



Red (77%)

Green (65%)

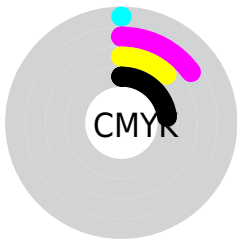
Blue (68%)



Red (77%)

Yellow (65%)

Blue (68%)

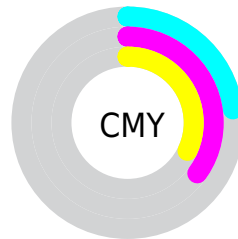


Cyan (0%)

Magenta (15%)

Yellow (12%)

Black (23%)



Cyan (23%)

Magenta (35%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4847, 42.5637, 45.9154 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 44.4847, 42.5637, 45.9154 by changing the saturation by 10% instead.


 44.4847, 42.5637,
45.9154


 44.4847, 42.5637,
45.9154


355.5015,
356.8144, 386.7361

 31.2513, 29.5429,
31.8309


 81.1884, 79.0521,
85.4253

 20.9430, 19.4919,
20.9686

 105.3895,
103.2884, 111.6878

 13.1946, 12.0263,
12.9100


133.9771,
132.0321, 142.8467

 7.6406, 6.7616,
7.2366

167.3167,
165.6676, 179.3205

 3.9157, 3.3134,
3.5298

205.7735,
204.5791, 221.5279

 1.6546, 1.2975,
1.3711

249.7130,

 0.4276, 0.1393,

249.1512, 269.8872

0.1190

299.5006,
299.7681, 324.8171

■ 0.0000, 0.0000,
0.0000

■ 44.4847, 42.5637,
45.9154

■ 44.4847, 42.5637,
45.9154

■ 39.7564, 35.3323,
37.4780

■ 49.9308, 50.9647,
55.4101

■ 35.7120, 29.2130,
30.0583

■ 56.1196, 60.5780,
65.9947

■ 32.3203, 24.1520,
23.6179

■ 63.0790, 71.4514,
77.7034

■ 29.5462, 20.0888,
18.1150

■ 70.8347, 83.6282,
90.5683

■ 27.3511, 16.9568,
13.5048

■ 75.9674, 90.2629,
103.4725

■ 25.6921, 14.6810,
9.7384

■ 76.8363, 90.6105,
108.0476

■ 24.5197, 13.1749,
6.7621

■ 23.7746, 12.3331,
4.5150

■ 23.5184, 12.0673,
3.6693

Harmonies

Analogous

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



44.0095, 42.5637, 51.7579



44.4847, 42.5637, 45.9154



43.8507, 42.5637, 40.6356

Triad

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



44.4847, 42.5637, 45.9154



38.4096, 42.5637, 37.5107



38.6617, 42.5637, 56.9595

Complementary

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



44.4847, 42.5637, 45.9154



45.1986, 51.8669, 56.3469

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.



37.2403, 42.5637, 52.5648



44.4847, 42.5637, 45.9154



37.0982, 42.5637, 41.3227

Square

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



44.4847, 42.5637, 45.9154



40.3054, 42.5637, 36.0429



36.6773, 42.5637, 46.7765



40.6060, 42.5637, 58.4431

Rectangle

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



44.4847, 42.5637, 45.9154



42.8962, 42.5637, 38.0564



36.6773, 42.5637, 46.7765



38.1092, 42.5637, 55.7565

Sweetspot

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



44.4859, 42.5656, 45.9163



89.5822, 91.5194, 99.5090



45.1334, 42.6178, 58.6713



19.0157, 19.3435, 21.0252



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.



44.4859, 42.5656, 45.9163



76.9576, 72.0670, 77.4298



45.3324, 45.3220, 42.9201



10.7336, 10.6768, 11.5802



15.4962, 7.9480, 2.5567



0.7627, 0.3879, 0.2738

Inverse Universe

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



44.4859, 42.5656, 45.9163



76.9576, 72.0670, 77.4298



44.2135, 48.6433, 59.8828



10.7336, 10.6768, 11.5802



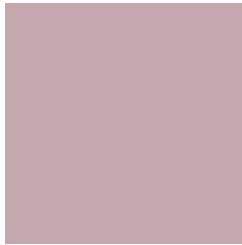
15.4962, 7.9480, 2.5567



0.7627, 0.3879, 0.2738

Previews

White Background



This preview shows how the XYZ color 44.4847, 42.5637, 45.9154 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 44.4847, 42.5637, 45.9154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

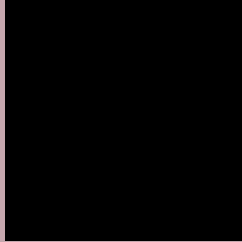
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4847, 42.5637, 45.9154

Background



This preview shows how black text looks on a background with the XYZ color 44.4847, 42.5637, 45.9154.



This preview shows how white text looks on a background with the XYZ color 44.4847, 42.5637,

45.9154.

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

44.4847, 42.5637, 45.9154

Protanopia

41.3034, 42.8336, 48.2103

Deuteranopia

43.5662, 42.6384, 45.9782



Tritanopia

45.0616, 42.5329, 48.4825

Trichromacy



Original Color

44.4847, 42.5637, 45.9154

Protanomaly

42.2659, 42.4905, 47.5688

Deuteranomaly

43.8907, 42.5306, 45.9403

Tritanomaly

44.8607, 42.4525, 47.4247

Monochromacy



Original Color

44.4847, 42.5637, 45.9154

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.5472, 43.2121, 47.1726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4847, 42.5637, 45.9154 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, 167, 174)` looks like.

```
.text, #text, p{  
    color:rgb(197, 167, 174)  
}
```

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, 167, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 167, 174) }
```

Border

The CSS property to change the border of an element to XYZ 44.4847, 42.5637, 45.9154 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, 167, 174) }
```


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

```
.border{ border-color:rgb(197, 167, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 167, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 167, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 167, 174);  
box-shadow:4px 4px 4px 4px rgb(197, 167,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4847, 42.5637, 45.9154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 167, 174) }
```

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

```
.background{ background-color: rgb(197,  
167, 174) }
```

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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