

Converting Colors

XYZ(44.3420, 42.5877, 42.4792)

Have a look what the booklet for
XYZ(44.3420, 42.5877, 42.4792)
contains.

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Color

**XYZ(44.3470, 42.5696,
42.4386)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A7A7
RGB	199, 167, 167
RGB Percent	78%, 65%, 65%
CMY	0.2196, 0.3451, 0.3451
CMYK	0.00, 0.16, 0.16, 0.22
HSL	0°, 22%, 72%
HSV	0°, 16%, 78%
XYZ	44.3470, 42.5696, 42.4386
YIQ	176.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

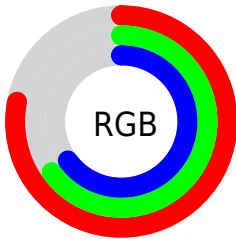
Format	Color
R_{YB}	199, 167, 167
Decimal	13084583
CIE _{Lab}	71.26, 11.67, 4.36
CIE _{LCh}	71, 12.462, 20.470
Yxy	42.5696, 0.3428, 0.3291
Android (android.graphics.Color)	4291274663 (0xFFC7A7A7)
YUV	176.5680, -4.7170, 19.6729
Hunter-Lab	65.2454, 7.1462, 7.1068

Details

The XYZ color **44.3470, 42.5696, 42.4386** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6682, 53.1847, 61.8393**, and the grayscale version is **41.5814, 43.7469, 47.6404**.

A 20% lighter version of the original color is **80.5461, 78.7765, 80.0674**, and **20.9023, 19.5190, 18.8855** is the 20% darker color. If you saturate the color by 10%, you get **39.2782, 35.1528, 32.3603**, and if you desaturate by 10%, it is **50.2621, 51.2252, 54.1966**.

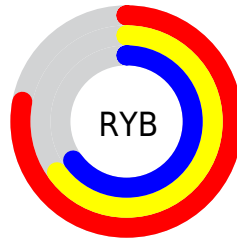
Distribution



Red (78%)

Green (65%)

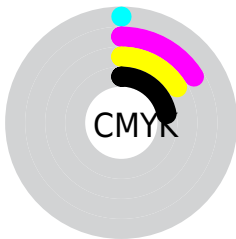
Blue (65%)



Red (78%)

Yellow (65%)

Blue (65%)

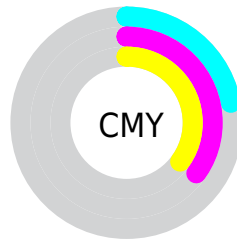


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3470, 42.5696, 42.4386 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 44.3470, 42.5696, 42.4386 by changing the saturation by 10% instead.


 44.3470, 42.5696,
42.4386


 44.3470, 42.5696,
42.4386


354.9508,
356.8387, 372.1510

 31.1425, 29.5476,
29.1167

 80.9828, 79.0610,
80.1402

 20.8597, 19.4954,
18.9228


 105.1447,
103.2991, 105.3571

 13.1334, 12.0288,
11.4383


133.6898,
132.0447, 135.3761

 7.5981, 6.7633,
6.2446

166.9835,
165.6822, 170.6156

 3.8885, 3.3145,
2.9232

205.3911,
204.5959, 211.4944

 1.6392, 1.2981,
1.0555

249.2779,

 0.4178, 0.1397,

249.1703, 258.4309

0.0000

299.0094,
299.7898, 311.8436

■ 0.0000, 0.0000,
0.0000

■ 44.3470, 42.5696,
42.4386

■ 44.3470, 42.5696,
42.4386

■ 39.2782, 35.1528,
32.3603

■ 50.2621, 51.2252,
54.1966

■ 35.0137, 28.9127,
23.8827

■ 57.0561, 61.1665,
67.7033

■ 31.5134, 23.7906,
16.9242

■ 64.7639, 72.4450,
83.0270

■ 28.7319, 19.7205,
11.3950

■ 73.4178, 85.1077,
100.2315

■ 26.6196, 16.6295,
7.1961

■ 77.3634, 90.8822,
108.0723

■ 25.1201, 14.4352,
4.2156

■ 24.1681, 13.0420,
2.3235

■ 23.6811, 12.3291,
1.3556

■ 23.5537, 12.1427,
1.1024

Harmonies

Analogous

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



44.5583, 42.5696, 48.2842



44.3470, 42.5696, 42.4386



43.0752, 42.5696, 38.0229

Triad

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



44.3470, 42.5696, 42.4386



37.4378, 42.5696, 39.3999



39.7990, 42.5696, 58.6630

Complementary

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



44.3470, 42.5696, 42.4386



46.6682, 53.1847, 61.8393

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.



37.9550, 42.5696, 55.8143



44.3470, 42.5696, 42.4386



36.6231, 42.5696, 44.4702

Square

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



44.3470, 42.5696, 42.4386



39.0709, 42.5696, 36.3763



36.8092, 42.5696, 50.4969



41.8840, 42.5696, 58.0005

Rectangle

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



44.3470, 42.5696, 42.4386



41.8205, 42.5696, 36.3213



36.8092, 42.5696, 50.4969



39.1315, 42.5696, 58.0756

Sweetspot

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



44.3482, 42.5715, 42.4395



89.1316, 91.3399, 97.1340



47.6812, 43.9036, 59.9945



18.9067, 19.3000, 20.4504



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.



44.3482, 42.5715, 42.4395



74.6529, 70.1537, 68.3498



47.4623, 48.7997, 43.4775



10.6340, 10.6371, 11.0555



15.1455, 7.8081, 0.7089



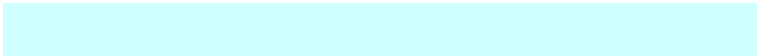
0.7172, 0.3698, 0.0336

Inverse Universe

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



46.6682, 53.1847, 61.8393



79.4148, 91.9371, 108.1678



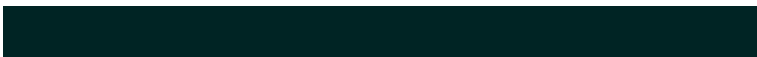
43.1792, 46.2066, 60.6763



10.9467, 12.0674, 13.6698



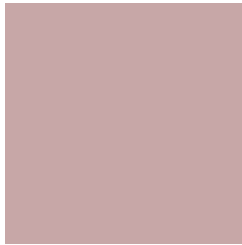
19.7581, 28.9102, 39.2832



0.9356, 1.3690, 1.8601

Previews

White Background



This preview shows how the XYZ color 44.3470, 42.5696, 42.4386 looks on a white background.

Color Contrast Check

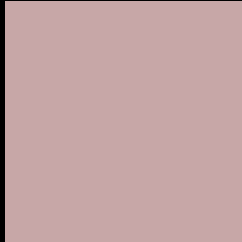
Large Text (above 18pt) WCAG AA × Fail

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 44.3470, 42.5696, 42.4386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

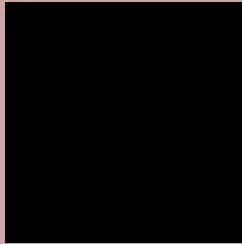
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3470, 42.5696, 42.4386

Background



This preview shows how black text looks on a background with the XYZ color 44.3470, 42.5696, 42.4386.



This preview shows how white text looks on a background with the XYZ color 44.3470, 42.5696,

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

44.3470, 42.5696, 42.4386

Protanopia

41.0771, 42.7961, 44.6235

Deuteranopia

43.4112, 42.6353, 42.5006



Tritanopia

45.3104, 42.4040, 47.9161

Trichromacy



Original Color

44.3470, 42.5696, 42.4386

Protanomaly

42.0683, 42.4672, 44.0100

Deuteranomaly

43.7426, 42.5310, 42.4630

Tritanomaly

45.0956, 42.6078, 45.8917

Monochromacy



Original Color

44.3470, 42.5696, 42.4386

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.4940, 43.2186, 45.6375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3470, 42.5696, 42.4386 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(199, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(199, 167, 167)  
}
```

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(199, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 167, 167) }
```

Border

The CSS property to change the border of an element to XYZ 44.3470, 42.5696, 42.4386 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(199, 167, 167) }
```


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

```
.border{ border-color:rgb(199, 167, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(199, 167,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3470, 42.5696, 42.4386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 167, 167) }
```

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

```
.background{ background-color: rgb(199,  
167, 167) }
```

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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