

Converting Colors

XYZ(43.9099, 42.1315, 43.4984)

Have a look what the booklet for
XYZ(43.9099, 42.1315, 43.4984)
contains.

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Color

**XYZ(43.8236, 42.0073,
43.3346)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A6A9
RGB	197, 166, 169
RGB Percent	77%, 65%, 66%
CMY	0.2274, 0.3490, 0.3373
CMYK	0.00, 0.16, 0.14, 0.23
HSL	354°, 21%, 71%
HSV	354°, 16%, 77%
XYZ	43.8236, 42.0073, 43.3346
YIQ	175.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

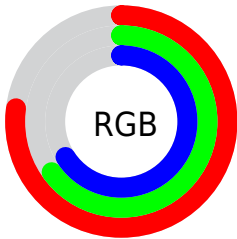
Format	Color
RYB	197, 166, 169
Decimal	12953257
CIELab	70.88, 11.81, 2.67
CIElCh	71, 12.105, 12.751
Yxy	42.0073, 0.3393, 0.3252
Android (android.graphics.Color)	4291143337 (0xFFC5A6A9)
YUV	175.6110, -3.2592, 18.7582
Hunter-Lab	64.8130, 7.2707, 5.7273

Details

The XYZ color **43.8236, 42.0073, 43.3346** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4314, 51.9356, 58.6715**, and the grayscale version is **41.0754, 43.2145, 47.0606**.

A 20% lighter version of the original color is **80.1840, 78.1656, 81.3823**, and **20.5559, 19.1586, 19.4442** is the 20% darker color. If you saturate the color by 10%, you get **38.9547, 34.7633, 34.0226**, and if you desaturate by 10%, it is **49.4708, 50.4431, 54.0288**.

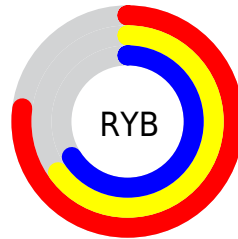
Distribution



Red (77%)

Green (65%)

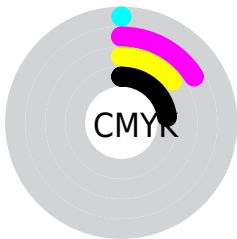
Blue (66%)



Red (77%)

Yellow (65%)

Blue (66%)

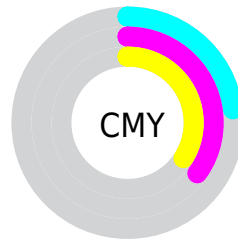


Cyan (0%)

Magenta (16%)

Yellow (14%)

Black (23%)



Cyan (23%)


Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8236, 42.0073, 43.3346 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 43.8236, 42.0073, 43.3346 by changing the saturation by 10% instead.


 43.8236, 42.0073,
43.3346


 43.8236, 42.0073,
43.3346

352.8523,
354.5132, 375.9476

 30.7292, 29.1070,
29.8144

 80.2002, 78.2107,
81.5073

 20.5435, 19.1618,
19.4469

 104.2131,
102.2825, 106.9969

 12.9013, 11.7872,
11.8136


132.5963,
130.8471, 137.3133

 7.4371, 6.5990,
6.4959

165.7149,
164.2886, 172.8752

 3.7857, 3.2126,
3.0752

203.9345,
202.9916, 214.1010

 1.5816, 1.2437,
1.1332

247.6204,

 0.3804, 0.0970,

247.3405, 261.4093

0.0000

297.1379,
297.7195, 315.2187

■ 0.0000, 0.0000,
0.0000

■ 43.8236, 42.0073,
43.3346

■ 43.8236, 42.0073,
43.3346

■ 38.9547, 34.7633,
34.0226

■ 49.4708, 50.4431,
54.0288

■ 34.8266, 28.6520,
26.0340

■ 55.9247, 60.1151,
66.1558

■ 31.4039, 23.6179,
19.3092

■ 63.2166, 71.0724,
79.7667

■ 28.6470, 19.5984,
13.7835

■ 71.3751, 83.3595,
94.9092

■ 26.5122, 16.5245,
9.3861

■ 76.8361, 90.6104,
108.0476

■ 24.9509, 14.3187,
6.0390

■ 23.9067, 12.8910,
3.6539

■ 23.3110, 12.1303,
2.1278

■ 23.1441, 11.9176,
1.6986

Harmonies

Analogous

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



43.7400, 42.0073, 49.1065



43.8236, 42.0073, 43.3346



42.8380, 42.0073, 38.6166

Triad

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



43.8236, 42.0073, 43.3346



37.3555, 42.0073, 38.0695



38.7895, 42.0073, 57.1679

Complementary

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



43.8236, 42.0073, 43.3346



45.4314, 51.9356, 58.6715

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.



37.1503, 42.0073, 53.6870



43.8236, 42.0073, 43.3346



36.3417, 42.0073, 42.5287

Square

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



43.8236, 42.0073, 43.3346



39.0781, 42.0073, 35.7531



36.2679, 42.0073, 48.2303



40.7874, 42.0073, 57.4296

Rectangle

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



43.8236, 42.0073, 43.3346



41.7259, 42.0073, 36.5714



36.2679, 42.0073, 48.2303



38.1799, 42.0073, 56.3228

Sweetspot

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



43.8248, 42.0092, 43.3355



89.3173, 91.4135, 98.1137



45.9380, 42.7617, 58.6564



18.9516, 19.3178, 20.6873



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.



43.8248, 42.0092, 43.3355



75.2312, 70.3828, 71.4020



45.9102, 46.6252, 42.6585



10.6748, 10.6533, 11.2709



15.2371, 7.8444, 1.1926



0.7360, 0.3773, 0.1331

Inverse Universe

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



43.8248, 42.0092, 43.3355



75.2312, 70.3828, 71.4020



43.0709, 46.6705, 59.5620



10.6748, 10.6533, 11.2709



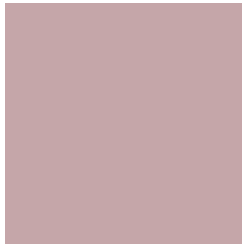
15.2371, 7.8444, 1.1926



0.7360, 0.3773, 0.1331

Previews

White Background



This preview shows how the XYZ color 43.8236, 42.0073, 43.3346 looks on a white background.

Color Contrast Check

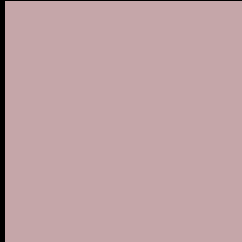
Large Text (above 18pt) WCAG AA × Fail

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 43.8236, 42.0073, 43.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

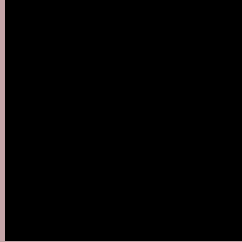
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8236, 42.0073, 43.3346

Background



This preview shows how black text looks on a background with the XYZ color 43.8236, 42.0073, 43.3346.



This preview shows how white text looks on a background with the XYZ color 43.8236, 42.0073,

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

43.8236, 42.0073, 43.3346

Protanopia

40.6179, 42.2514, 45.5497

Deuteranopia

42.9023, 42.0763, 43.3965



Tritanopia

44.7797, 42.1304, 47.8913

Trichromacy



Original Color

43.8236, 42.0073, 43.3346

Protanomaly

41.5883, 41.9184, 44.9288

Deuteranomaly

43.2283, 41.9713, 43.3590

Tritanomaly

44.4817, 42.0112, 46.3220

Monochromacy



Original Color

43.8236, 42.0073, 43.3346

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.0625, 42.7125, 45.5626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8236, 42.0073, 43.3346 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, 166, 169)` looks like.

```
.text, #text, p{  
    color:rgb(197, 166, 169)  
}
```

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, 166, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 166, 169) }
```

Border

The CSS property to change the border of an element to XYZ 43.8236, 42.0073, 43.3346 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, 166, 169) }
```


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

```
.border{ border-color:rgb(197, 166, 169) }
```

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

Here you see how a box with a 4 pixel rgb(197, 166, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 166, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 166, 169);  
box-shadow:4px 4px 4px 4px rgb(197, 166,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8236, 42.0073, 43.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 166, 169) }
```

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

```
.background{ background-color: rgb(197,  
166, 169) }
```

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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