

Converting Colors

XYZ(43.2875, 37.9099, 53.7511)

Have a look what the booklet for
XYZ(43.2875, 37.9099, 53.7511)
contains.

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Color

**XYZ(43.2875, 37.9099,
53.7511)**

Conversions

Conversions Part 1

Format	Color
Hex	C498BE
RGB	196, 152, 190
RGB Percent	77%, 60%, 75%
CMY	0.2314, 0.4039, 0.2549
CMYK	0.00, 0.22, 0.03, 0.23
HSL	308°, 27%, 68%
HSV	308°, 22%, 77%
XYZ	43.2875, 37.9099, 53.7511
YIQ	169.4880, 14.0260, 21.1460

Conversions

Conversions Part 2

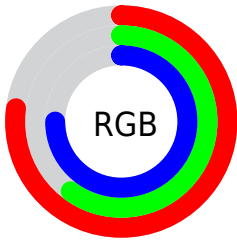
Format	Color
R _Y B	196, 152, 190
Decimal	12884158
CIE Lab	67.95, 22.82, -13.32
CIE LCh	68, 26.421, 329.731
Yxy	37.9099, 0.3208, 0.2809
Android (android.graphics.Color)	4291074238 (0xFFC498BE)
YUV	169.4880, 10.1124, 23.2510
Hunter-Lab	61.5710, 17.7451, -8.6601

Details

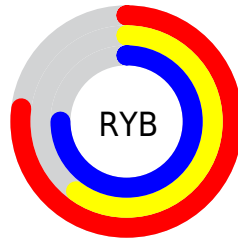
The XYZ color **43.2875, 37.9099, 53.7511** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.8619, 48.6251, 39.6872**, and the grayscale version is **37.9013, 39.8751, 43.4240**.

A 20% lighter version of the original color is **79.4554, 72.1621, 96.9297**, and **20.3244, 16.8643, 25.8508** is the 20% darker color. If you saturate the color by 10%, you get **40.0763, 31.9502, 51.2528**, and if you desaturate by 10%, it is **47.0320, 44.9264, 56.4545**.

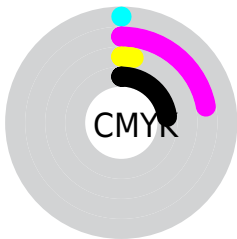
Distribution



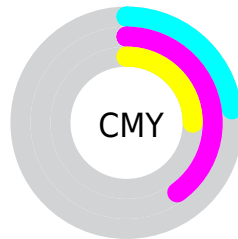
- Red (77%)
- Green (60%)
- Blue (75%)



- Red (77%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (3%)
- Black (23%)





- Cyan (23%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2875, 37.9099, 53.7511 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 43.2875, 37.9099, 53.7511 by changing the saturation by 10% instead.


 43.2875, 37.9099,
53.7511


 43.2875, 37.9099,
53.7511


350.6943,
337.2333, 418.3079

 30.3063, 25.9128,
38.0109

 79.3975, 71.9700,
97.1614

 20.2204, 16.7584,
25.6892


 103.2570, 94.8018,
125.6686

 12.6645, 10.0624,
16.3676

131.4733,
122.0139, 159.2685

 7.2734, 5.4403,
9.6275

164.4118,
153.9907, 198.3797

 3.6815, 2.5079,
5.0503

202.4378,
191.1167, 243.4207

 1.5236, 0.8806,
2.2176

245.9166,

 0.3418, 0.0000,

233.7762, 294.8100

0.6845

295.2137,
282.3536, 352.9662

■ 0.0000, 0.0000,
0.0000

■ 43.2875, 37.9099,
53.7511

■ 43.2875, 37.9099,
53.7511

■ 40.0763, 31.9502,
51.2528

■ 47.0320, 44.9264,
56.4545

■ 37.3692, 26.9907,
48.9483

■ 51.3304, 53.0427,
59.3687

■ 35.1392, 22.9771,
46.8291

■ 56.2065, 62.3057,
62.5022

■ 33.3557, 19.8479,
44.8847

■ 61.6815, 72.7578,
65.8622

■ 31.9842, 17.5344,
43.1035

■ 67.7757, 84.4396,
69.4555

■ 30.9853, 15.9577,
41.4722

■ 69.6707, 87.7141,
71.6763

■ 30.3117, 15.0234,
39.9750

■ 69.9984, 87.8452,
73.4018

■ 29.9522, 14.6107,
38.9109

■ 70.3317, 87.9785,
75.1566

■ 70.6705, 88.1140,
76.9408

Harmonies

Analogous

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



40.0897, 37.9099, 64.1805



43.2875, 37.9099, 53.7511



44.5148, 37.9099, 41.3835

Triad

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



43.2875, 37.9099, 53.7511



36.0693, 37.9099, 22.5492



29.6041, 37.9099, 53.5324

Complementary

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



43.2875, 37.9099, 53.7511



38.8619, 48.6251, 39.6872

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.



28.7021, 37.9099, 41.1715



43.2875, 37.9099, 53.7511



32.2582, 37.9099, 24.5964

Square

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



43.2875, 37.9099, 53.7511



40.1586, 37.9099, 24.6715



29.6366, 37.9099, 30.9003



32.1986, 37.9099, 64.0384

Rectangle

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



43.2875, 37.9099, 53.7511



43.9835, 37.9099, 34.1070



29.6366, 37.9099, 30.9003



29.1021, 37.9099, 49.3884

Sweetspot

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



43.2886, 37.9116, 53.7519



89.2281, 88.9795, 105.0380



35.2680, 33.6994, 56.8713



18.9963, 18.8523, 22.4132



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.



43.2886, 37.9116, 53.7519



75.4053, 63.0709, 95.0750



41.0749, 37.0261, 42.0944



10.4363, 10.2231, 12.3881



19.2687, 9.3972, 25.1250



0.8492, 0.4127, 1.1734

Inverse Universe

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



43.2886, 37.9116, 53.7519



75.4053, 63.0709, 95.0750



40.9148, 49.4463, 50.4978



10.4363, 10.2231, 12.3881



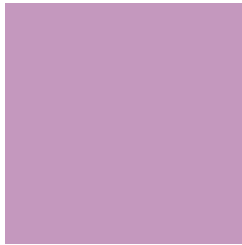
19.2687, 9.3972, 25.1250



0.8492, 0.4127, 1.1734

Previews

White Background



This preview shows how the XYZ color 43.2875, 37.9099, 53.7511 looks on a white background.

Color Contrast Check

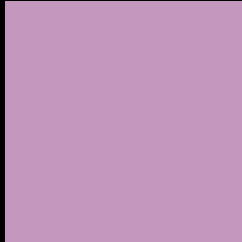
Large Text (above 18pt) WCAG AA × Fail

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 43.2875, 37.9099, 53.7511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

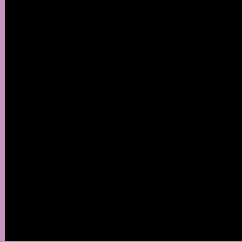
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2875, 37.9099, 53.7511

Background



This preview shows how black text looks on a background with the XYZ color 43.2875, 37.9099, 53.7511.



This preview shows how white text looks on a background with the XYZ color 43.2875, 37.9099,

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

43.2875, 37.9099, 53.7511

Protanopia

37.7666, 37.9991, 58.7701

Deuteranopia

38.7920, 38.1294, 52.8921



Tritanopia

40.9487, 37.9415, 42.2110

Trichromacy



Original Color

43.2875, 37.9099, 53.7511

Protanomaly

39.4344, 37.8524, 56.8576

Deuteranomaly

40.2346, 37.8311, 53.3257

Tritanomaly

41.8060, 38.0466, 46.2146

Monochromacy



Original Color

43.2875, 37.9099, 53.7511

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.6234, 38.9524, 47.0252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2875, 37.9099, 53.7511 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(196, 152, 190)` looks like.

```
.text, #text, p{  
    color:rgb(196, 152, 190)  
}
```

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(196, 152, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 152, 190) }
```

Border

The CSS property to change the border of an element to XYZ 43.2875, 37.9099, 53.7511 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(196, 152, 190) }
```


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

```
.border{ border-color:rgb(196, 152, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 152, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 152, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 152, 190);  
box-shadow:4px 4px 4px 4px rgb(196, 152,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2875, 37.9099, 53.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 152, 190) }
```

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

```
.background{ background-color: rgb(196,  
152, 190) }
```

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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