

Converting Colors

XYZ(44.9085, 37.8487, 44.6305)

Have a look what the booklet for
XYZ(44.9085, 37.8487, 44.6305)
contains.

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Color

**XYZ(44.8405, 37.7335,
44.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	D393AD
RGB	211, 147, 173
RGB Percent	83%, 58%, 68%
CMY	0.1725, 0.4235, 0.3216
CMYK	0.00, 0.30, 0.18, 0.17
HSL	336°, 42%, 70%
HSV	336°, 30%, 83%
XYZ	44.8405, 37.7335, 44.4551
YIQ	169.1000, 29.7980, 21.6540

Conversions

Conversions Part 2

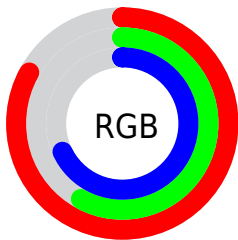
Format	Color
R _Y B	211, 147, 173
Decimal	13865901
CIE Lab	67.82, 27.93, -3.85
CIE LCh	68, 28.192, 352.155
Yxy	37.7335, 0.3530, 0.2970
Android (android.graphics.Color)	4292055981 (0xFFD393AD)
YUV	169.1000, 1.9227, 36.7463
Hunter-Lab	61.4276, 22.8019, 0.0912

Details

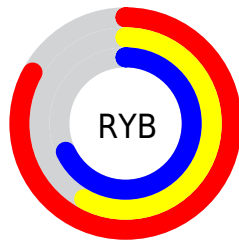
The XYZ color **44.8405, 37.7335, 44.4551** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0854, 56.2953, 54.4442**, and the grayscale version is **37.7430, 39.7085, 43.2426**.

A 20% lighter version of the original color is **76.3641, 69.1025, 82.7121**, and **21.1516, 16.7148, 20.2006** is the 20% darker color. If you saturate the color by 10%, you get **40.6994, 31.3011, 37.3712**, and if you desaturate by 10%, it is **49.6992, 45.4184, 52.3400**.

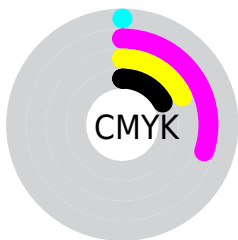
Distribution



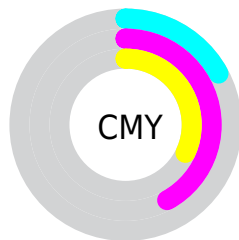
- Red (83%)
- Green (58%)
- Blue (68%)



- Red (83%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)
- Black (17%)





- Cyan (17%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.8405, 37.7335, 44.4551 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 44.8405, 37.7335, 44.4551 by changing the saturation by 10% instead.


 44.8405, 37.7335,
44.4551


 44.8405, 37.7335,
44.4551

356.9218,
336.4754, 380.6578

 31.5326, 25.7759,
30.6886


 81.7196, 71.6995,
83.2119

 21.1585, 16.6561,
20.1054


 106.0214, 94.4767,
109.0393

 13.3530, 9.9896,
12.2868


134.7185,
121.6292, 139.7241

 7.7508, 5.3921,
6.8144

168.1764,
153.5414, 175.6848

 3.9863, 2.4791,
3.2696

206.7603,
190.5977, 217.3400

 1.6944, 0.8661,
1.2339

250.8356,

 0.4528, 0.0000,

233.1826, 265.1082

0.0067

300.7676,
281.6803, 319.4079

■ 0.0000, 0.0000,
0.0000

■ 44.8405, 37.7335,
44.4551

■ 44.8405, 37.7335,
44.4551

■ 40.6994, 31.3011,
37.3712

■ 49.6992, 45.4184,
52.3400

■ 37.2367, 26.0488,
31.0587

■ 55.3058, 54.4126,
61.0494

■ 34.4140, 21.9049,
25.4891

■ 61.6925, 64.7757,
70.6089

■ 32.1878, 18.7876,
20.6311

■ 68.8887, 76.5621,
81.0418

■ 30.5085, 16.6036,
16.4506

■ 76.9224, 89.8233,
92.3707

■ 29.3179, 15.2423,
12.9094

■ 79.5945, 92.1571,
102.5421

■ 28.5322, 14.5162,
10.0412

■ 80.6741, 92.5890,
108.2272

Harmonies

Analogous

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



42.9108, 37.7335, 57.6721



44.8405, 37.7335, 44.4551



44.2152, 37.7335, 32.6690

Triad

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



44.8405, 37.7335, 44.4551



32.7909, 37.7335, 22.5983



30.9566, 37.7335, 63.1463

Complementary

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



44.8405, 37.7335, 44.4551



44.0854, 56.2953, 54.4442

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.



28.6376, 37.7335, 50.8358



44.8405, 37.7335, 44.4551



29.6352, 37.7335, 28.0294

Square

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



44.8405, 37.7335, 44.4551



37.0226, 37.7335, 21.5735



28.1743, 37.7335, 37.8904



34.7309, 37.7335, 69.8024

Rectangle

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



44.8405, 37.7335, 44.4551



42.4550, 37.7335, 26.9694



28.1743, 37.7335, 37.8904



29.9941, 37.7335, 59.4263

Sweetspot

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



44.8416, 37.7352, 44.4559



86.0436, 85.3745, 95.4551



42.0402, 35.8042, 66.3234



18.1254, 17.8031, 19.9880



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.



44.8416, 37.7352, 44.4559



64.8555, 51.7186, 61.5089



43.4142, 38.5222, 32.7533



12.0049, 11.8867, 13.3017



17.2670, 8.7796, 6.3121



1.0044, 0.5065, 0.5578

Inverse Universe

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



44.8416, 37.7352, 44.4559



64.8555, 51.7186, 61.5089



45.7829, 54.8894, 69.8100



12.0049, 11.8867, 13.3017



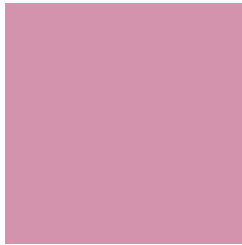
17.2670, 8.7796, 6.3121



1.0044, 0.5065, 0.5578

Previews

White Background



This preview shows how the XYZ color 44.8405, 37.7335, 44.4551 looks on a white background.

Color Contrast Check

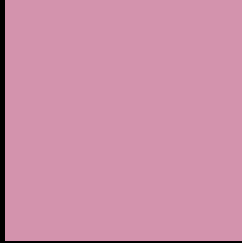
Large Text (above 18pt) WCAG AA × Fail

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 44.8405, 37.7335, 44.4551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

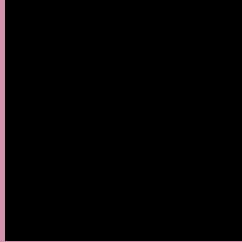
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8405, 37.7335, 44.4551

Background



This preview shows how black text looks on a background with the XYZ color 44.8405, 37.7335, 44.4551.



This preview shows how white text looks on a background with the XYZ color 44.8405, 37.7335,

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

44.8405, 37.7335, 44.4551

Protanopia

37.0314, 37.7981, 50.6914

Deuteranopia

38.6860, 38.0137, 43.8265



Tritanopia

43.7588, 37.7697, 38.7022

Trichromacy



Original Color

44.8405, 37.7335, 44.4551

Protanomaly

39.2875, 37.4523, 48.3384

Deuteranomaly

40.8207, 37.8319, 44.1805

Tritanomaly

43.9598, 37.5981, 40.5375

Monochromacy



Original Color

44.8405, 37.7335, 44.4551

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.7677, 38.5824, 43.3814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8405, 37.7335, 44.4551 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(211, 147, 173)` looks like.

```
.text, #text, p{  
    color:rgb(211, 147, 173)  
}
```

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(211, 147, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 147, 173) }
```

Border

The CSS property to change the border of an element to XYZ 44.8405, 37.7335, 44.4551 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(211, 147, 173) }
```


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

```
.border{ border-color:rgb(211, 147, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 147, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 147, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 147, 173);  
box-shadow:4px 4px 4px 4px rgb(211, 147,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8405, 37.7335, 44.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 147, 173) }
```

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

```
.background{ background-color: rgb(211,  
147, 173) }
```

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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