

# Converting Colors

XYZ(43.1460, 37.0116, 41.8133)

Have a look what the booklet for  
XYZ(43.1460, 37.0116, 41.8133)  
contains.

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# Color

**XYZ(43.2337, 36.9600,  
41.9011)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF93A8
RGB	207, 147, 168
RGB Percent	81%, 58%, 66%
CMY	0.1882, 0.4235, 0.3412
CMYK	0.00, 0.29, 0.19, 0.19
HSL	339°, 38%, 69%
HSV	339°, 29%, 81%
XYZ	43.2337, 36.9600, 41.9011
YIQ	167.3340, 29.0190, 19.2510

# Conversions

## Conversions Part 2

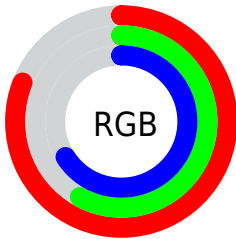
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">207, 147, 168</a>
Decimal	<a href="#">13603752</a>
CIELab	<a href="#">67.25, 25.71, -1.94</a>
CIElCh	<a href="#">67, 25.781, 355.674</a>
Yxy	<a href="#">36.9600, 0.3541, 0.3027</a>
Android (android.graphics.Color)	<a href="#">4291793832</a> ( <a href="#">0xFFCF93A8</a> )
YUV	<a href="#">167.3340, 0.3283, 34.7871</a>
Hunter-Lab	<a href="#">60.7947, 20.5481, 1.6923</a>

# Details

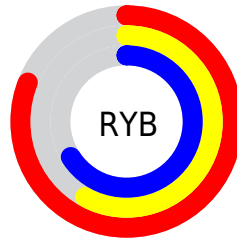
The XYZ color **43.2337, 36.9600, 41.9011** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2099, 54.3747, 54.6750**, and the grayscale version is **36.8829, 38.8037, 42.2572**.

A 20% lighter version of the original color is **75.4459, 68.3610, 79.0306**, and **20.2842, 16.3021, 18.6005** is the 20% darker color. If you saturate the color by 10%, you get **39.1104, 30.6166, 34.6586**, and if you desaturate by 10%, it is **48.0680, 44.5170, 50.0214**.

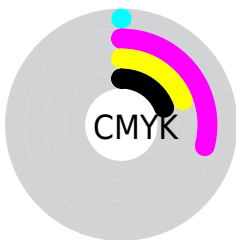
# Distribution



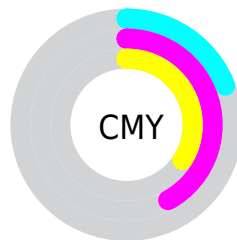
- Red (81%)
- Green (58%)
- Blue (66%)



- Red (81%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (29%)
- Yellow (19%)
- Black (19%)




- Cyan (19%)
- Magenta (42%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2337, 36.9600, 41.9011 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 43.2337, 36.9600, 41.9011 by changing the saturation by 10% instead.





 43.2337, 36.9600,  
41.9011


 43.2337, 36.9600,  
41.9011

350.4772,  
333.1373, 369.8604

 30.2638, 25.1765,  
28.6989


 79.3169, 70.5113,  
79.3184

 20.1880, 16.2086,  
18.6095


 103.1610, 93.0478,  
104.3705

 12.6408, 9.6719,  
11.2145


131.3605,  
119.9376, 134.2097

 7.2570, 5.1820,  
6.0953

164.2808,  
151.5648, 169.2545

 3.6711, 2.3544,  
2.8334

202.2873,  
188.3141, 209.9234

 1.5178, 0.8023,  
1.0102

245.7453,

 0.3379, 0.0000,

230.5696, 256.6350

0.0000

295.0201,  
278.7159, 309.8078

0.0000, 0.0000,  
0.0000

43.2337, 36.9600,  
41.9011

43.2337, 36.9600,  
41.9011

39.1104, 30.6166,  
34.6586

48.0680, 44.5170,  
50.0214

35.6600, 25.4181,  
28.2608

53.6426, 53.3415,  
59.0467

32.8455, 21.2964,  
22.6752

59.9892, 63.4903,  
69.0057

30.6246, 18.1744,  
17.8665

67.1362, 75.0154,  
79.9250

28.9499, 15.9643,  
13.7960

75.1111, 87.9656,  
91.8302

■ 27.7659, 14.5630,  
10.4213

■ 78.5500, 91.6086,  
102.9494

■ 26.9847, 13.8030,  
7.6870

■ 79.5422, 92.0055,  
108.1742

■ 26.9164, 13.7391,  
7.4399

# Harmonies

## Analogous

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



41.7611, 36.9600, 53.7521



43.2337, 36.9600, 41.9011



42.4053, 36.9600, 31.5599

# Triad

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



43.2337, 36.9600, 41.9011



31.9498, 36.9600, 23.6917



31.0302, 36.9600, 60.9402

# Complementary

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



43.2337, 36.9600, 41.9011



43.2099, 54.3747, 54.6750

# 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.



28.7373, 36.9600, 50.3887



43.2337, 36.9600, 41.9011



29.2398, 36.9600, 29.2114

# Square

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



43.2337, 36.9600, 41.9011



35.7036, 36.9600, 22.2610



28.1069, 36.9600, 38.6295



34.5613, 36.9600, 65.9714



# Rectangle

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



43.2337, 36.9600, 41.9011



40.6903, 36.9600, 26.6377



28.1069, 36.9600, 38.6295



30.0997, 36.9600, 57.8355

# Sweetspot

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



43.2347, 36.9617, 41.9019



85.8510, 85.2975, 94.4408



41.9473, 35.8134, 63.7336



18.0782, 17.7842, 19.7390



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.



43.2347, 36.9617, 41.9019



64.9070, 52.4721, 59.5207



42.8883, 39.1506, 32.9023



11.9771, 11.8756, 13.1554



16.9992, 8.6725, 4.9018



0.9877, 0.4998, 0.4698



# Inverse Universe

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



43.2347, 36.9617, 41.9019



64.9070, 52.4721, 59.5207



43.4904, 51.0972, 66.6023



11.9771, 11.8756, 13.1554



16.9992, 8.6725, 4.9018

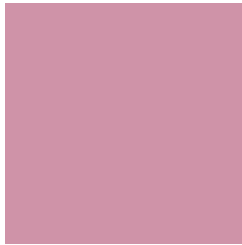


0.9877, 0.4998, 0.4698



# Previews

## White Background



This preview shows how the XYZ color 43.2337, 36.9600, 41.9011 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

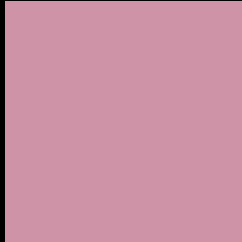
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.2337, 36.9600, 41.9011 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

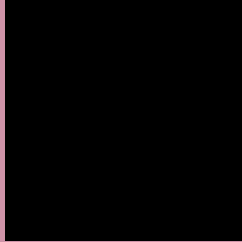
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 43.2337, 36.9600, 41.9011**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.2337, 36.9600, 41.9011.



This preview shows how white text looks on a background with the XYZ color 43.2337, 36.9600,



# 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

43.2337, 36.9600, 41.9011

### Protanopia

36.2373, 37.1953, 47.3890

### Deuteranopia

37.8715, 37.1332, 41.2478



## Tritanopia

42.3887, 36.8397, 38.1344

# Trichromacy



## Original Color

43.2337, 36.9600, 41.9011

## Protanomaly

38.2874, 36.7536, 45.1206

## Deuteranomaly

39.6827, 37.0515, 41.6194

## Tritanomaly

42.6544, 36.9460, 39.5335

# Monochromacy



## Original Color

43.2337, 36.9600, 41.9011

## Achromatopsia

36.7301, 38.6429, 42.0822

## Achromatomaly

38.8373, 37.8767, 41.8232

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.2337, 36.9600, 41.9011 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(207, 147, 168)` looks like.

```
.text, #text, p{  
    color:rgb(207, 147, 168)  
}
```

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(207, 147, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 147, 168) }
```

## Border

The CSS property to change the border of an element to XYZ 43.2337, 36.9600, 41.9011 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(207, 147, 168) }
```



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

```
.border{ border-color:rgb(207, 147, 168) }
```

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

Here you see how a box with a 4 pixel rgb(207, 147, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 147, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 147, 168);  
box-shadow:4px 4px 4px 4px rgb(207, 147,  
168) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.2337, 36.9600, 41.9011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 147, 168) }
```

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

```
.background{ background-color: rgb(207,  
147, 168) }
```

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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