

Converting Colors

XYZ(44.0370, 37.5816, 39.6594)

Have a look what the booklet for
XYZ(44.0370, 37.5816, 39.6594)
contains.

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Color

**XYZ(44.0647, 37.6730,
39.5995)**

Conversions

Conversions Part 1

Format	Color
Hex	D394A3
RGB	211, 148, 163
RGB Percent	83%, 58%, 64%
CMY	0.1725, 0.4196, 0.3608
CMYK	0.00, 0.30, 0.23, 0.17
HSL	346°, 42%, 70%
HSV	346°, 30%, 83%
XYZ	44.0647, 37.6730, 39.5995
YIQ	168.5470, 32.7330, 18.0210

Conversions

Conversions Part 2

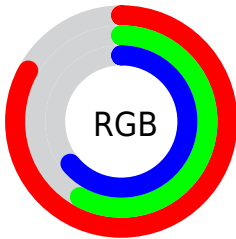
Format	Color
R_{YB}	211, 148, 163
Decimal	13866147
CIE _{Lab}	67.78, 25.86, 1.69
CIE _{LCh}	68, 25.918, 3.731
Yxy	37.6730, 0.3632, 0.3105
Android (android.graphics.Color)	4292056227 (0xFFD394A3)
YUV	168.5470, -2.7347, 37.2313
Hunter-Lab	61.3783, 20.7365, 4.7127

Details

The XYZ color **44.0647, 37.6730, 39.5995** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4724, 56.8708, 60.8078**, and the grayscale version is **37.4911, 39.4435, 42.9540**.

A 20% lighter version of the original color is **75.2508, 69.0338, 75.6884**, and **20.6615, 16.6656, 17.1667** is the 20% darker color. If you saturate the color by 10%, you get **39.7017, 31.1074, 31.4843**, and if you desaturate by 10%, it is **49.2162, 45.5219, 48.8820**.

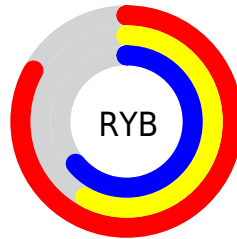
Distribution



Red (83%)

Green (58%)

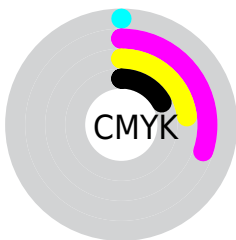
Blue (64%)



Red (83%)

Yellow (58%)

Blue (64%)

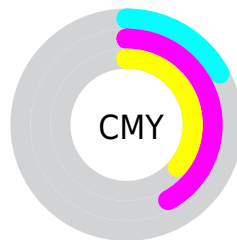


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (17%)



Cyan (17%)


Magenta (42%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0647, 37.6730, 39.5995 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 44.0647, 37.6730, 39.5995 by changing the saturation by 10% instead.


 44.0647, 37.6730,
39.5995


 44.0647, 37.6730,
39.5995


353.8200,
336.2151, 359.9344

 30.9195, 25.7290,
26.9150


 80.5608, 71.6067,
75.7837

 20.6891, 16.6210,
17.2775


 104.6425, 94.3651,
100.1204

 13.0081, 9.9647,
10.2685


133.1003,
121.4971, 129.1783

 7.5112, 5.3755,
5.4694

166.2997,
153.3872, 163.3760

 3.8329, 2.4692,
2.4617

204.6061,
190.4196, 203.1319

 1.6081, 0.8612,
0.8198


248.3846,


 0.3977, 0.0000,


232.9788, 248.8645

0.0000


298.0008,
281.4492, 300.9925


 0.0000, 0.0000,
0.0000


 44.0647, 37.6730,
39.5995


 44.0647, 37.6730,
39.5995


 39.7017, 31.1074,
31.4843


 49.2162, 45.5219,
48.8820


 36.0844, 25.7514,
24.4869


 55.1899, 54.7120,
59.3736


 33.1707, 21.5321,
18.5580

 62.0213, 65.3041,
71.1172

 30.9127, 18.3663,
13.6431

 69.7429, 77.3538,
84.1525

 29.2566, 16.1595,
9.6830

 78.3853, 90.9135,
98.5176

■ 28.1390, 14.8000,
6.6114

■ 80.6741, 92.5889,
108.2272

■ 27.4531, 14.0898,
4.3426

■ 27.4447, 14.0812,
4.3149

Harmonies

Analogous

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



43.1751, 37.6730, 51.5887



44.0647, 37.6730, 39.5995



42.6093, 37.6730, 29.9396

Triad

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



44.0647, 37.6730, 39.5995



31.6942, 37.6730, 25.2602



32.5020, 37.6730, 64.1761

Complementary

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



44.0647, 37.6730, 39.5995



45.4724, 56.8708, 60.8078

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.



29.7702, 37.6730, 54.5427



44.0647, 37.6730, 39.5995



29.3289, 37.6730, 32.0025

Square

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



44.0647, 37.6730, 39.5995



35.3077, 37.6730, 22.6956



28.6514, 37.6730, 42.4730



36.3111, 37.6730, 67.2336

Rectangle

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



44.0647, 37.6730, 39.5995



40.5644, 37.6730, 25.6685



28.6514, 37.6730, 42.4730



31.4370, 37.6730, 61.5212

Sweetspot

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



44.0657, 37.6748, 39.6003



85.4719, 85.1458, 92.4444



44.9194, 37.5202, 66.5029



17.9853, 17.7470, 19.2498



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.



44.0657, 37.6748, 39.6003



63.1353, 51.0305, 52.4504



45.4413, 42.4502, 33.8178



11.9224, 11.8537, 12.8674



16.5965, 8.5114, 2.7813



0.9597, 0.4886, 0.3226

Inverse Universe

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



44.0657, 37.6748, 39.6003



63.1353, 51.0305, 52.4504



43.5431, 50.1426, 69.0118



11.9224, 11.8537, 12.8674



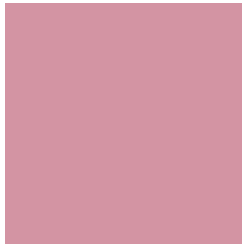
16.5965, 8.5114, 2.7813



0.9597, 0.4886, 0.3226

Previews

White Background



This preview shows how the XYZ color 44.0647, 37.6730, 39.5995 looks on a white background.

Color Contrast Check

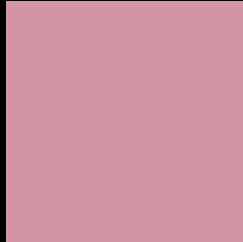
Large Text (above 18pt) WCAG AA × Fail

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 44.0647, 37.6730, 39.5995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

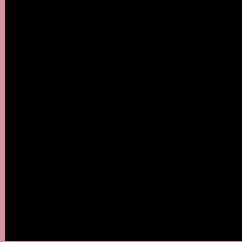
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0647, 37.6730, 39.5995

Background



This preview shows how black text looks on a background with the XYZ color 44.0647, 37.6730, 39.5995.



This preview shows how white text looks on a background with the XYZ color 44.0647, 37.6730,

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

44.0647, 37.6730, 39.5995

Protanopia

36.7238, 38.0344, 44.9410

Deuteranopia

38.5323, 37.7821, 38.9800



Tritanopia

43.9566, 37.8818, 38.2529

Trichromacy



Original Color

44.0647, 37.6730, 39.5995

Protanomaly

38.8510, 37.6059, 42.7471

Deuteranomaly

40.4024, 37.7230, 39.3343

Tritanomaly

44.0444, 37.9170, 38.7155

Monochromacy



Original Color

44.0647, 37.6730, 39.5995

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.4871, 38.4701, 41.9035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0647, 37.6730, 39.5995 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, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(211, 148, 163)  
}
```

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, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 148, 163) }
```

Border

The CSS property to change the border of an element to XYZ 44.0647, 37.6730, 39.5995 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, 148, 163) }
```


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

```
.border{ border-color:rgb(211, 148, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 148, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(211, 148,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0647, 37.6730, 39.5995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 148, 163) }
```

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

```
.background{ background-color: rgb(211,  
148, 163) }
```

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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