

Converting Colors

XYZ(40.9725, 37.2241, 43.5382)

Have a look what the booklet for
XYZ(40.9725, 37.2241, 43.5382)
contains.

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Color

**XYZ(40.9901, 37.1921,
43.5465)**

Conversions

Conversions Part 1

Format	Color
Hex	C299AB
RGB	194, 153, 171
RGB Percent	76%, 60%, 67%
CMY	0.2392, 0.4000, 0.3294
CMYK	0.00, 0.21, 0.12, 0.24
HSL	334°, 25%, 68%
HSV	334°, 21%, 76%
XYZ	40.9901, 37.1921, 43.5465
YIQ	167.3110, 18.6580, 14.2900

Conversions

Conversions Part 2

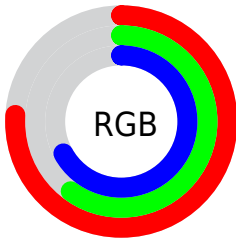
Format	Color
RYB	194, 153, 171
Decimal	12753323
CIELab	67.42, 18.19, -3.52
CIELCh	67, 18.526, 349.033
Yxy	37.1921, 0.3367, 0.3055
Android (android.graphics.Color)	4290943403 (0xFFC299AB)
YUV	167.3110, 1.8187, 23.4063
Hunter-Lab	60.9853, 13.2510, 0.3538

Details

The XYZ color **40.9901, 37.1921, 43.5465** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2667, 48.4915, 48.3141**, and the grayscale version is **36.8682, 38.7882, 42.2403**.

A 20% lighter version of the original color is **76.0670, 71.1120, 81.6683**, and **18.8964, 16.4101, 19.6243** is the 20% darker color. If you saturate the color by 10%, you get **37.0743, 30.9527, 37.3319**, and if you desaturate by 10%, it is **45.5097, 44.5015, 50.3847**.

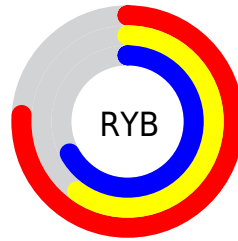
Distribution



Red (76%)

Green (60%)

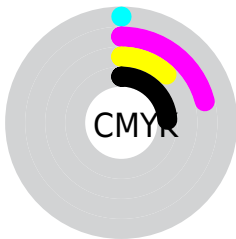
Blue (67%)



Red (76%)

Yellow (60%)

Blue (67%)

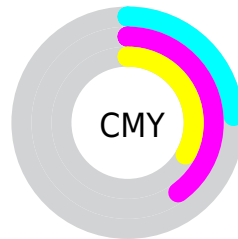


Cyan (0%)

Magenta (21%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9901, 37.1921, 43.5465 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 40.9901, 37.1921, 43.5465 by changing the saturation by 10% instead.


 40.9901, 37.1921,
43.5465


 40.9901, 37.1921,
43.5465

341.3425,
334.1415, 376.8415

 28.4990, 25.3563,
29.9796


 75.9437, 70.8681,
81.8301

 18.8445, 16.3427,
19.5712


 99.1368, 93.4771,
107.3838

 11.6613, 9.7670,
11.9027


126.6281,
120.4459, 137.7702

 6.5841, 5.2447,
6.5557

158.7827,
152.1590, 173.4079

 3.2474, 2.3916,
3.1117

195.9661,
189.0007, 214.7153

 1.2859, 0.8215,
1.1519

238.5436,

 0.1726, 0.0000,

231.3554, 262.1110

0.0000

286.8807,
279.6075, 316.0136

■ 0.0000, 0.0000,
0.0000

■ 40.9901, 37.1921,
43.5465

■ 40.9901, 37.1921,
43.5465

■ 37.0743, 30.9527,
37.3319

■ 45.5097, 44.5015,
50.3847

■ 33.7323, 25.7277,
31.7196

■ 50.6551, 52.9230,
57.8624

■ 30.9358, 21.4638,
26.6901

■ 56.4511, 62.5029,
65.9976

■ 28.6532, 18.1011,
22.2218

■ 62.9201, 73.2829,
74.8070

■ 26.8491, 15.5727,
18.2917

■ 70.0836, 85.3031,
84.3067

■ 25.4835, 13.8024,
14.8744

■ 73.1930, 89.0633,
92.9222

■ 24.5091, 12.6996,
11.9417

■ 74.8260, 89.7165,
101.5214

■ 23.8945, 12.1279,
9.7097

■ 76.0584, 90.2095,
108.0112

Harmonies

Analogous

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



39.6384, 37.1921, 51.6463



40.9901, 37.1921, 43.5465



40.7709, 37.1921, 35.6041

Triad

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



40.9901, 37.1921, 43.5465



33.5979, 37.1921, 27.4310



31.8873, 37.1921, 53.4983

Complementary

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



40.9901, 37.1921, 43.5465



40.2667, 48.4915, 48.3141

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.



30.4322, 37.1921, 45.8164



40.9901, 37.1921, 43.5465



31.3826, 37.1921, 31.0783

Square

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



40.9901, 37.1921, 43.5465



36.3997, 37.1921, 26.9940



30.2525, 37.1921, 37.5912



34.3206, 37.1921, 57.8832

Rectangle

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



40.9901, 37.1921, 43.5465



39.7665, 37.1921, 31.4188



30.2525, 37.1921, 37.5912



31.2732, 37.1921, 51.1718

Sweetspot

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



40.9912, 37.1938, 43.5473



87.0019, 88.0523, 97.9602



38.9332, 35.8571, 55.9086



18.9169, 19.0606, 21.2549



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.



40.9912, 37.1938, 43.5473



71.1083, 62.3321, 73.9581



39.7289, 37.2303, 35.2312



10.2527, 10.1497, 11.4214



15.7495, 7.9896, 6.5931



0.7151, 0.3590, 0.4670

Inverse Universe

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



40.9912, 37.1938, 43.5473



71.1083, 62.3321, 73.9581



41.7144, 48.3457, 58.1726



10.2527, 10.1497, 11.4214



15.7495, 7.9896, 6.5931



0.7151, 0.3590, 0.4670

Previews

White Background



This preview shows how the XYZ color 40.9901, 37.1921, 43.5465 looks on a white background.

Color Contrast Check

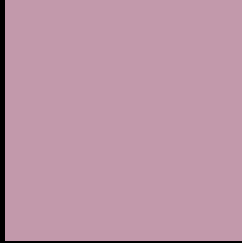
Large Text (above 18pt) WCAG AA × Fail

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 40.9901, 37.1921, 43.5465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

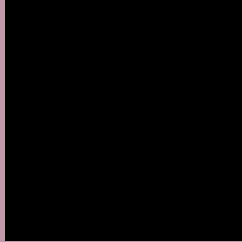
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9901, 37.1921, 43.5465

Background



This preview shows how black text looks on a background with the XYZ color 40.9901, 37.1921, 43.5465.



This preview shows how white text looks on a background with the XYZ color 40.9901, 37.1921,

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

40.9901, 37.1921, 43.5465

Protanopia

36.3428, 37.2612, 46.8716

Deuteranopia

38.0139, 37.1635, 43.1999



Tritanopia

40.4309, 37.2018, 41.1261

Trichromacy



Original Color

40.9901, 37.1921, 43.5465

Protanomaly

37.8152, 37.0054, 45.7071

Deuteranomaly

39.0798, 37.2066, 43.1521

Tritanomaly

40.6158, 37.2758, 42.1001

Monochromacy



Original Color

40.9901, 37.1921, 43.5465

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.1197, 38.0149, 42.3743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9901, 37.1921, 43.5465 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(194, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(194, 153, 171)  
}
```

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(194, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 171) }
```

Border

The CSS property to change the border of an element to XYZ 40.9901, 37.1921, 43.5465 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(194, 153, 171) }
```


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

```
.border{ border-color:rgb(194, 153, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(194, 153,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9901, 37.1921, 43.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 153, 171) }
```

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

```
.background{ background-color: rgb(194,  
153, 171) }
```

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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