

Converting Colors

XYZ(37.1522, 34.1233, 43.5304)

Have a look what the booklet for
XYZ(37.1522, 34.1233, 43.5304)
contains.

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Color

**XYZ(37.0924, 33.9821,
43.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	B594AC
RGB	181, 148, 172
RGB Percent	71%, 58%, 67%
CMY	0.2902, 0.4196, 0.3255
CMYK	0.00, 0.18, 0.05, 0.29
HSL	316°, 18%, 65%
HSV	316°, 18%, 71%
XYZ	37.0924, 33.9821, 43.6340
YIQ	160.6030, 11.9640, 14.4600

Conversions

Conversions Part 2

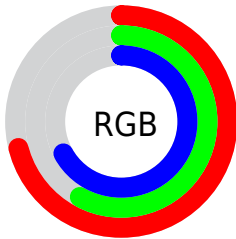
Format	Color
R_{YB}	181, 148, 172
Decimal	11900076
CIE _{Lab}	64.95, 16.47, -7.89
CIE _{LCh}	65, 18.261, 334.415
Yxy	33.9821, 0.3234, 0.2962
Android (android.graphics.Color)	4290090156 (0xFFB594AC)
YUV	160.6030, 5.6187, 17.8882
Hunter-Lab	58.2942, 11.5642, -3.5735

Details

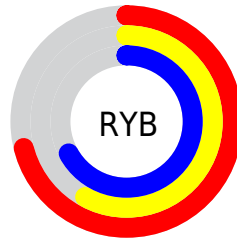
The XYZ color **37.0924, 33.9821, 43.6340** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8238, 41.7790, 38.1289**, and the grayscale version is **33.6639, 35.4170, 38.5692**.

A 20% lighter version of the original color is **69.9107, 65.7916, 81.6874**, and **16.5669, 14.4946, 19.6939** is the 20% darker color. If you saturate the color by 10%, you get **34.0072, 28.5560, 40.3098**, and if you desaturate by 10%, it is **40.6412, 40.3061, 47.2004**.

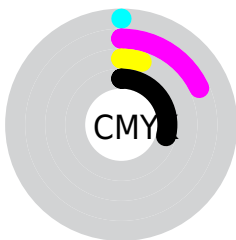
Distribution



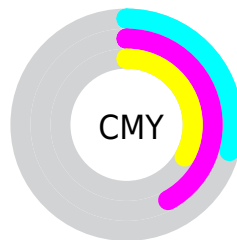
- Red (71%)
- Green (58%)
- Blue (67%)



- Red (71%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (29%)





- Cyan (29%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0924, 33.9821, 43.6340 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 37.0924, 33.9821, 43.6340 by changing the saturation by 10% instead.


 37.0924, 33.9821,
43.6340


 37.0924, 33.9821,
43.6340

325.0590,
320.0522, 377.2102

 25.4530, 22.8798,
30.0478


 70.0278, 65.9058,
81.9633

 16.5454, 14.5048,
19.6225


 92.0545, 87.4961,
107.5435

 10.0042, 8.4726,
11.9396


118.2744,
113.3512, 137.9588

 5.4640, 4.3988,
6.5805

149.0529,
143.8554, 173.6277

 2.5596, 1.8991,
3.1267

184.7552,
179.3933, 214.9687

 0.9254, 0.5478,
1.1597

225.7467,

 0.0000, 0.0000,

220.3491, 262.4004

0.0000

272.3929,
267.1073, 316.3414

■ 37.0924, 33.9821,
43.6340

■ 37.0924, 33.9821,
43.6340

■ 34.0072, 28.5560,
40.3098

■ 40.6412, 40.3061,
47.2004

■ 31.3618, 23.9822,
37.2178

■ 44.6699, 47.5621,
51.0143

■ 29.1348, 20.2175,
34.3503

■ 49.1979, 55.7878,
55.0833

■ 27.3018, 17.2136,
31.6983

■ 54.2425, 65.0176,
59.4141

■ 25.8358, 14.9167,
29.2516

■ 59.8201, 75.2841,
64.0132

■ 24.7062, 13.2660,
26.9993

■ 65.4324, 85.5903,
68.7151

■ 23.8773, 12.1903,
24.9282

■ 66.0251, 85.8274,
71.8360

■ 23.2907, 11.5733,
23.0180

■ 66.6366, 86.0720,
75.0563

■ 23.1961, 11.4798,
22.6912

■ 67.2672, 86.3242,
78.3768

Harmonies

Analogous

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



35.2509, 33.9821, 50.3224



37.0924, 33.9821, 43.6340



37.6237, 33.9821, 35.8939

Triad

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



37.0924, 33.9821, 43.6340



31.9101, 33.9821, 24.3268



28.2933, 33.9821, 45.8315

Complementary

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



37.0924, 33.9821, 43.6340



34.8238, 41.7790, 38.1289

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.



27.5019, 33.9821, 38.1301



37.0924, 33.9821, 43.6340



29.5167, 33.9821, 26.2657

Square

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



37.0924, 33.9821, 43.6340



34.5389, 33.9821, 25.3860



27.9374, 33.9821, 31.0763



30.1580, 33.9821, 51.7074

Rectangle

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



37.0924, 33.9821, 43.6340



37.1404, 33.9821, 31.3161



27.9374, 33.9821, 31.0763



27.8977, 33.9821, 43.3347

Sweetspot

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



37.0934, 33.9836, 43.6347



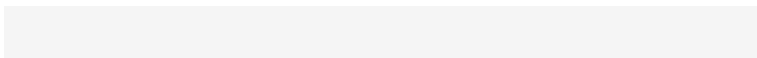
74.9624, 76.0923, 86.6346



32.7974, 31.6657, 48.1002



16.0972, 16.2578, 18.6243



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.0934, 33.9836, 43.6347



64.0476, 56.6512, 75.6326



35.6226, 33.3953, 35.8894



8.7491, 8.6064, 10.1775



16.0209, 7.9259, 15.8019



0.5270, 0.2586, 0.6180

Inverse Universe

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



37.0934, 33.9836, 43.6347



64.0476, 56.6512, 75.6326



36.3097, 42.3734, 45.9537



8.7491, 8.6064, 10.1775



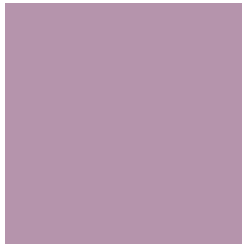
16.0209, 7.9259, 15.8019



0.5270, 0.2586, 0.6180

Previews

White Background



This preview shows how the XYZ color 37.0924, 33.9821, 43.6340 looks on a white background.

Color Contrast Check

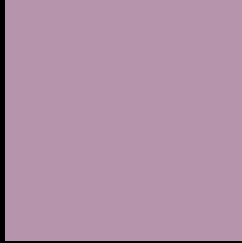
Large Text (above 18pt) WCAG AA × Fail

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 37.0924, 33.9821, 43.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

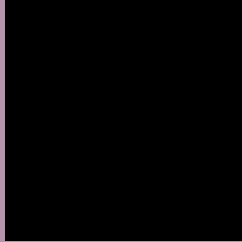
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0924, 33.9821, 43.6340

Background



This preview shows how black text looks on a background with the XYZ color 37.0924, 33.9821, 43.6340.



This preview shows how white text looks on a background with the XYZ color 37.0924, 33.9821,

43.6340.

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

37.0924, 33.9821, 43.6340

Protanopia

33.5104, 34.2568, 46.4410

Deuteranopia

34.6783, 33.9382, 43.2511



Tritanopia

36.1618, 34.0892, 38.3922

Trichromacy



Original Color

37.0924, 33.9821, 43.6340

Protanomaly

34.6033, 34.0989, 45.3154

Deuteranomaly

35.4306, 33.8441, 43.1933

Tritanomaly

36.3614, 33.9148, 40.2271

Monochromacy



Original Color

37.0924, 33.9821, 43.6340

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.8284, 34.8184, 40.4823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0924, 33.9821, 43.6340 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(181, 148, 172)` looks like.

```
.text, #text, p{  
    color:rgb(181, 148, 172)  
}
```

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(181, 148, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 148, 172) }
```

Border

The CSS property to change the border of an element to XYZ 37.0924, 33.9821, 43.6340 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(181, 148, 172) }
```


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

```
.border{ border-color:rgb(181, 148, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 148, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 148, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 148, 172);  
box-shadow:4px 4px 4px 4px rgb(181, 148,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0924, 33.9821, 43.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 148, 172) }
```

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

```
.background{ background-color: rgb(181,  
148, 172) }
```

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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