

Converting Colors

XYZ(37.2802, 34.8478, 39.2236)

Have a look what the booklet for
XYZ(37.2802, 34.8478, 39.2236)
contains.

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Color

**XYZ(37.4446, 34.9679,
39.4263)**

Conversions

Conversions Part 1

Format	Color
Hex	B897A3
RGB	184, 151, 163
RGB Percent	72%, 59%, 64%
CMY	0.2784, 0.4078, 0.3608
CMYK	0.00, 0.18, 0.11, 0.28
HSL	338°, 19%, 66%
HSV	338°, 18%, 72%
XYZ	37.4446, 34.9679, 39.4263
YIQ	162.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

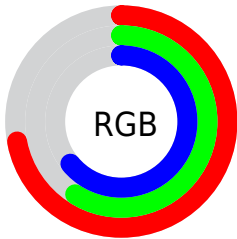
Format	Color
RYB	184, 151, 163
Decimal	12097443
CIELab	65.72, 14.28, -1.65
CIELCh	66, 14.377, 353.415
Yxy	34.9679, 0.3348, 0.3127
Android (android.graphics.Color)	4290287523 (0xFFB897A3)
YUV	162.2350, 0.3771, 19.0879
Hunter-Lab	59.1337, 9.5458, 1.8630

Details

The XYZ color **37.4446, 34.9679, 39.4263** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3507, 43.8397, 45.5250**, and the grayscale version is **34.4467, 36.2406, 39.4660**.

A 20% lighter version of the original color is **70.4214, 67.2499, 75.5986**, and **16.7865, 15.0873, 17.0663** is the 20% darker color. If you saturate the color by 10%, you get **33.7103, 29.1012, 33.2425**, and if you desaturate by 10%, it is **41.7402, 41.8009, 46.2774**.

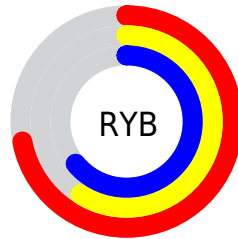
Distribution



Red (72%)

Green (59%)

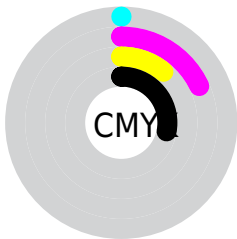
Blue (64%)



Red (72%)

Yellow (59%)

Blue (64%)

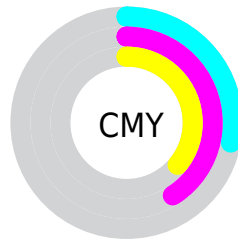


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (41%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4446, 34.9679, 39.4263 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 37.4446, 34.9679, 39.4263 by changing the saturation by 10% instead.


 37.4446, 34.9679,
39.4263


 37.4446, 34.9679,
39.4263


326.5536,
324.4266, 359.1795

 25.7272, 23.6381,
26.7811


 70.5655, 67.4360,
75.5166

 16.7512, 15.0654,
17.1779


 92.6996, 89.3432,
99.7988

 10.1515, 8.8653,
10.1981


119.0367,
115.5450, 128.7972

 5.5626, 4.6534,
5.4232

149.9420,
146.4258, 162.9302

 2.6191, 2.0454,
2.4346

185.7811,
182.3699, 202.6164

 0.9557, 0.6336,
0.8052

226.9191,

 0.0000, 0.0000,

223.7618, 248.2743

0.0000

273.7215,
270.9859, 300.3225

■ 37.4446, 34.9679,
39.4263

■ 37.4446, 34.9679,
39.4263

■ 33.7103, 29.1012,
33.2425

■ 41.7402, 41.8009,
46.2774

■ 30.5105, 24.1523,
27.7029

■ 46.6166, 49.6366,
53.8135

■ 27.8201, 20.0756,
22.7861

■ 52.0962, 58.5149,
62.0545

■ 25.6113, 16.8196,
18.4686

■ 58.1990, 68.4726,
71.0187

■ 23.8531, 14.3274,
14.7251

■ 64.9442, 79.5444,
80.7237

■ 22.5109, 12.5348,
11.5286

■ 70.2728, 87.6086,
90.4939

■ 21.5444, 11.3666,
8.8489

■ 72.0046, 88.3013,
99.6131

■ 20.8927, 10.7066,
6.6478

■ 73.5773, 88.9304,
107.8951

■ 20.7774, 10.5944,
6.2441

Harmonies

Analogous

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



36.6118, 34.9679, 45.4513



37.4446, 34.9679, 39.4263



37.1118, 34.9679, 33.6280

Triad

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



37.4446, 34.9679, 39.4263



31.6449, 34.9679, 28.3495



30.8690, 34.9679, 48.2199

Complementary

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



37.4446, 34.9679, 39.4263



37.3507, 43.8397, 45.5250

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.



29.6398, 34.9679, 42.8957



37.4446, 34.9679, 39.4263



30.0742, 34.9679, 31.5417

Square

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



37.4446, 34.9679, 39.4263



33.7048, 34.9679, 27.6304



29.3551, 34.9679, 36.7532



32.7715, 34.9679, 50.8648

Rectangle

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



37.4446, 34.9679, 39.4263



36.2804, 34.9679, 30.6128



29.3551, 34.9679, 36.7532



30.3667, 34.9679, 46.6587

Sweetspot

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



37.4456, 34.9695, 39.4270



78.0743, 79.6332, 87.6537



36.7109, 34.3549, 50.0440



16.7024, 16.9608, 18.6957



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.4456, 34.9695, 39.4270



64.7540, 58.4620, 66.3524



37.1423, 36.0023, 34.2716



9.1359, 9.0647, 10.0633



14.3508, 7.3141, 4.4683



0.5361, 0.2699, 0.3167

Inverse Universe

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



37.4456, 34.9695, 39.4270



64.7540, 58.4620, 66.3524



37.6560, 42.5221, 51.5706



9.1359, 9.0647, 10.0633



14.3508, 7.3141, 4.4683



0.5361, 0.2699, 0.3167

Previews

White Background



This preview shows how the XYZ color 37.4446, 34.9679, 39.4263 looks on a white background.

Color Contrast Check

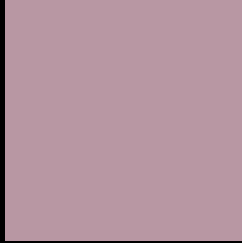
Large Text (above 18pt) WCAG AA × Fail

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 37.4446, 34.9679, 39.4263 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 37.4446, 34.9679, 39.4263

Background



This preview shows how black text looks on a background with the XYZ color 37.4446, 34.9679, 39.4263.



This preview shows how white text looks on a background with the XYZ color 37.4446, 34.9679,

39.4263.

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

37.4446, 34.9679, 39.4263

Protanopia

33.9632, 35.0970, 42.0301

Deuteranopia

35.6985, 35.0500, 39.0662



Tritanopia

37.4446, 34.9679, 39.4263

Trichromacy



Original Color

37.4446, 34.9679, 39.4263

Protanomaly

35.1336, 34.9651, 40.9736

Deuteranomaly

36.4373, 35.1848, 39.0533

Tritanomaly

37.4446, 34.9679, 39.4263

Monochromacy



Original Color

37.4446, 34.9679, 39.4263

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.3260, 35.6084, 39.1936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4446, 34.9679, 39.4263 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(184, 151, 163)` looks like.

```
.text, #text, p{  
    color:rgb(184, 151, 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(184, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 151, 163) }
```

Border

The CSS property to change the border of an element to XYZ 37.4446, 34.9679, 39.4263 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(184, 151, 163) }
```


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

```
.border{ border-color:rgb(184, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(184, 151,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4446, 34.9679, 39.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 151, 163) }
```

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

```
.background{ background-color: rgb(184,  
151, 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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