

Converting Colors

XYZ(37.7290, 34.2198, 43.5792)

Have a look what the booklet for
XYZ(37.7290, 34.2198, 43.5792)
contains.

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Color

**XYZ(37.8035, 34.3487,
43.6672)**

Conversions

Conversions Part 1

Format	Color
Hex	B894AC
RGB	184, 148, 172
RGB Percent	72%, 58%, 67%
CMY	0.2784, 0.4196, 0.3255
CMYK	0.00, 0.20, 0.07, 0.28
HSL	320°, 20%, 65%
HSV	320°, 20%, 72%
XYZ	37.8035, 34.3487, 43.6672
YIQ	161.5000, 13.7520, 15.0960

Conversions

Conversions Part 2

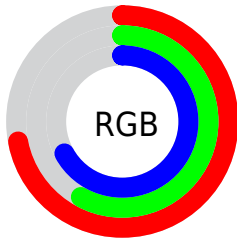
Format	Color
R_{YB}	184, 148, 172
Decimal	12096684
CIE Lab	65.24, 17.54, -7.42
CIE LCh	65, 19.047, 337.061
Yxy	34.3487, 0.3264, 0.2966
Android (android.graphics.Color)	4290286764 (0xFFB894AC)
YUV	161.5000, 5.1765, 19.7325
Hunter-Lab	58.6078, 12.5735, -3.1501

Details

The XYZ color **37.8035, 34.3487, 43.6672** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.6998, 43.1160, 39.7004**, and the grayscale version is **34.0820, 35.8569, 39.0481**.

A 20% lighter version of the original color is **70.9208, 66.3124, 81.7347**, and **17.0249, 14.7307, 19.7153** is the 20% darker color. If you saturate the color by 10%, you get **34.5683, 28.7989, 39.7492**, and if you desaturate by 10%, it is **41.5267, 40.8299, 47.8828**.

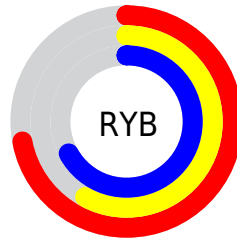
Distribution



Red (72%)

Green (58%)

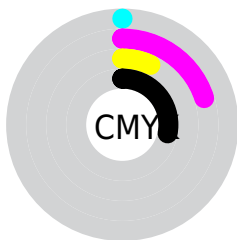
Blue (67%)



Red (72%)

Yellow (58%)

Blue (67%)

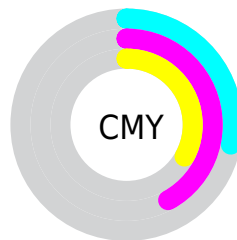


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (28%)



Cyan (28%)


Magenta (42%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.8035, 34.3487, 43.6672 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 37.8035, 34.3487, 43.6672 by changing the saturation by 10% instead.


 37.8035, 34.3487,
43.6672


 37.8035, 34.3487,
43.6672


328.0717,
321.6841, 377.3500

 26.0067, 23.1616,
30.0737


 71.1127, 66.4756,
82.0139

 16.9614, 14.7129,
19.6420


 93.3558, 88.1841,
107.6041

 10.3021, 8.6181,
11.9536


119.8118,
114.1686, 138.0303

 5.6635, 4.4930,
6.5899

150.8460,
144.8135, 173.7110

 2.6803, 1.9530,
3.1325

186.8237,
180.5030, 215.0648

 0.9870, 0.5799,
1.1627

228.1103,

 0.0000, 0.0000,

221.6217, 262.5102

0.0000

275.0712,
268.5540, 316.4658

■ 37.8035, 34.3487,
43.6672

■ 37.8035, 34.3487,
43.6672

■ 34.5683, 28.7989,
39.7492

■ 41.5267, 40.8299,
47.8828

■ 31.7960, 24.1327,
36.1175

■ 45.7555, 48.2786,
52.4025

■ 29.4640, 20.3046,
32.7632

■ 50.5101, 56.7344,
57.2351

■ 27.5463, 17.2633,
29.6757

■ 55.8089, 66.2333,
62.3885

■ 26.0142, 14.9521,
26.8435

■ 61.6693, 76.8096,
67.8701

■ 24.8350, 13.3063,
24.2538

■ 67.0120, 86.3043,
73.3217

■ 23.9704, 12.2498,
21.8918

■ 67.7854, 86.6137,
77.3945

■ 23.3469, 11.6362,
19.7310

■ 68.5884, 86.9349,
81.6229

■ 23.3214, 11.6121,
19.6399

■ 69.4212, 87.2680,
86.0087

Harmonies

Analogous

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



35.9645, 34.3487, 50.9443



37.8035, 34.3487, 43.6672



38.2250, 34.3487, 35.5554

Triad

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



37.8035, 34.3487, 43.6672



31.9969, 34.3487, 24.2096



28.5780, 34.3487, 47.3694

Complementary

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



37.8035, 34.3487, 43.6672



35.6998, 43.1160, 39.7004

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.



27.6406, 34.3487, 39.3071



37.8035, 34.3487, 43.6672



29.5408, 34.3487, 26.4979

Square

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



37.8035, 34.3487, 43.6672



34.7681, 34.3487, 25.0350



27.9829, 34.3487, 31.7629



30.6147, 34.3487, 53.2840

Rectangle

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



37.8035, 34.3487, 43.6672



37.6252, 34.3487, 30.8791



27.9829, 34.3487, 31.7629



28.1293, 34.3487, 44.7795

Sweetspot

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



37.8045, 34.3502, 43.6679



77.8264, 78.4880, 89.5735



33.7403, 32.1158, 49.7687



16.6738, 16.7376, 19.1979



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.



37.8045, 34.3502, 43.6679



66.1863, 58.2282, 76.3818



36.1911, 33.7048, 35.1717



9.2502, 9.1104, 10.6649



16.1066, 8.0164, 13.7139



0.5952, 0.2936, 0.6280

Inverse Universe

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



37.8045, 34.3502, 43.6679



66.1863, 58.2282, 76.3818



37.3903, 43.7922, 48.6025



9.2502, 9.1104, 10.6649



16.1066, 8.0164, 13.7139



0.5952, 0.2936, 0.6280

Previews

White Background



This preview shows how the XYZ color 37.8035, 34.3487, 43.6672 looks on a white background.

Color Contrast Check

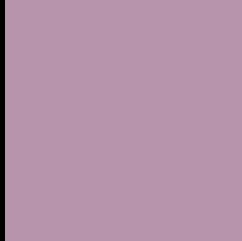
Large Text (above 18pt) WCAG AA × Fail

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 37.8035, 34.3487, 43.6672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

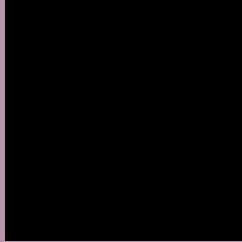
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8035, 34.3487, 43.6672

Background



This preview shows how black text looks on a background with the XYZ color 37.8035, 34.3487, 43.6672.



This preview shows how white text looks on a background with the XYZ color 37.8035, 34.3487,

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

37.8035, 34.3487, 43.6672

Protanopia

33.8032, 34.3962, 46.9770

Deuteranopia

35.0547, 34.3763, 43.3158



Tritanopia

36.8678, 34.4532, 38.4252

Trichromacy



Original Color

37.8035, 34.3487, 43.6672

Protanomaly

35.1180, 34.3528, 45.8541

Deuteranomaly

36.0345, 34.3954, 43.2678

Tritanomaly

37.0674, 34.2788, 40.2601

Monochromacy



Original Color

37.8035, 34.3487, 43.6672

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.5175, 35.4132, 41.0398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8035, 34.3487, 43.6672 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, 148, 172)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 148, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 148, 172) }
```

Border

The CSS property to change the border of an element to XYZ 37.8035, 34.3487, 43.6672 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, 148, 172) }
```


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

```
.border{ border-color:rgb(184, 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(184, 148, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 148, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 148, 172);  
box-shadow:4px 4px 4px 4px rgb(184, 148,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8035, 34.3487, 43.6672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 148, 172) }
```

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

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