

Converting Colors

XYZ(37.3333, 31.4443, 43.6368)

Have a look what the booklet for
XYZ(37.3333, 31.4443, 43.6368)
contains.

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Color

**XYZ(37.3333, 31.4443,
43.6368)**

Conversions

Conversions Part 1

Format	Color
Hex	BD88AD
RGB	189, 136, 173
RGB Percent	74%, 53%, 68%
CMY	0.2588, 0.4666, 0.3216
CMYK	0.00, 0.28, 0.08, 0.26
HSL	318°, 29%, 64%
HSV	318°, 28%, 74%
XYZ	37.3333, 31.4443, 43.6368
YIQ	156.0650, 19.7110, 22.7430

Conversions

Conversions Part 2

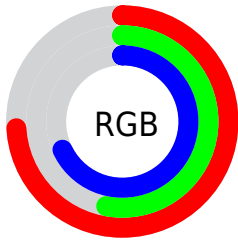
Format	Color
RYB	189, 136, 173
Decimal	12421293
CIELab	62.88, 26.17, -11.45
CIELCh	63, 28.568, 336.364
Yxy	31.4443, 0.3321, 0.2797
Android (android.graphics.Color)	4290611373 (0xFFBD88AD)
YUV	156.0650, 8.3490, 28.8840
Hunter-Lab	56.0752, 20.7086, -6.8858

Details

The XYZ color **37.3333, 31.4443, 43.6368** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.0198, 43.8974, 36.3879**, and the grayscale version is **31.5875, 33.2325, 36.1902**.

A 20% lighter version of the original color is **70.4231, 62.0212, 81.6584**, and **16.6914, 13.0284, 19.7242** is the 20% darker color. If you saturate the color by 10%, you get **34.3623, 26.3668, 39.9804**, and if you desaturate by 10%, it is **40.7991, 37.4727, 47.5752**.

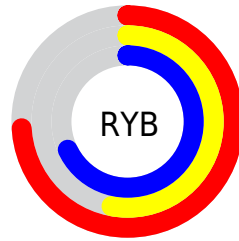
Distribution



Red (74%)

Green (53%)

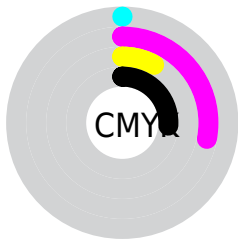
Blue (68%)



Red (74%)

Yellow (53%)

Blue (68%)

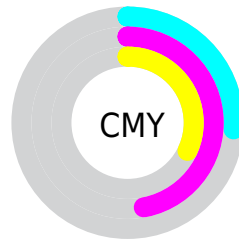


Cyan (0%)

Magenta (28%)

Yellow (8%)

Black (26%)



Cyan (26%)


Magenta (47%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3333, 31.4443, 43.6368 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 37.3333, 31.4443, 43.6368 by changing the saturation by 10% instead.


 37.3333, 31.4443,
43.6368


 37.3333, 31.4443,
43.6368

326.0818,
308.5800, 377.2220


 25.6405, 20.9374,
30.0500


 70.3956, 61.9389,
81.9676

 16.6862, 13.0783,
19.6242

 92.4959, 82.6954,
107.5486

 10.1049, 7.4825,
11.9408


 118.7960,
107.6372, 137.9648

 5.5314, 3.7656,
6.5813

149.6613,
137.1488, 173.6347

 2.6002, 1.5433,
3.1272

185.4572,
171.6144, 214.9768

 0.9461, 0.3189,
1.1600

226.5490,

 0.0000, 0.0000,

211.4186, 262.4097

0.0000

273.3021,
256.9456, 316.3519

■ 37.3333, 31.4443,
43.6368

■ 37.3333, 31.4443,
43.6368

■ 34.3623, 26.3668,
39.9804

■ 40.7991, 37.4727,
47.5752

■ 31.8584, 22.1866,
36.5942

■ 44.7800, 44.4937,
51.8028

■ 29.7953, 18.8512,
33.4685

■ 49.2986, 52.5514,
56.3287

■ 28.1429, 16.3009,
30.5916

■ 54.3753, 61.6862,
61.1612

■ 26.8671, 14.4679,
27.9508

■ 60.0294, 71.9362,
66.3080

■ 25.9281, 13.2733,
25.5311

■ 66.2792, 83.3377,
71.7766

■ 25.2644, 12.5944,
23.3105

■ 68.7497, 87.1402,
76.1098

■ 25.1472, 12.4832,
22.8921

■ 69.4867, 87.4350,
79.9910

■ 70.2495, 87.7401,
84.0077

Harmonies

Analogous

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



34.5798, 31.4443, 54.7163



37.3333, 31.4443, 43.6368



38.0166, 31.4443, 31.9014

Triad

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



37.3333, 31.4443, 43.6368



29.0596, 31.4443, 16.9598



24.2215, 31.4443, 48.6892

Complementary

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



37.3333, 31.4443, 43.6368



34.0198, 43.8974, 36.3879

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.



23.0075, 31.4443, 36.6850



37.3333, 31.4443, 43.6368



25.6390, 31.4443, 19.6365

Square

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



37.3333, 31.4443, 43.6368



33.0102, 31.4443, 18.0316



23.5029, 31.4443, 26.2952



26.9670, 31.4443, 58.0506

Rectangle

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



37.3333, 31.4443, 43.6368



37.1578, 31.4443, 25.5224



23.5029, 31.4443, 26.2952



23.6322, 31.4443, 44.7400

Sweetspot

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



37.3342, 31.4457, 43.6375



80.1334, 79.5692, 92.7090



30.9211, 27.9499, 51.9099



16.9881, 16.6781, 19.6837



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.3342, 31.4457, 43.6375



63.3056, 50.2151, 73.8380



35.0268, 30.5227, 31.4864



9.8039, 9.6459, 11.3564



16.9548, 8.4131, 15.5873



0.6918, 0.3406, 0.7565

Inverse Universe

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



37.3342, 31.4457, 43.6375



63.3056, 50.2151, 73.8380



36.4282, 44.8608, 49.0703



9.8039, 9.6459, 11.3564



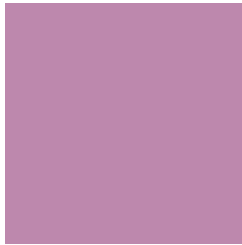
16.9548, 8.4131, 15.5873



0.6918, 0.3406, 0.7565

Previews

White Background



This preview shows how the XYZ color 37.3333, 31.4443, 43.6368 looks on a white background.

Color Contrast Check

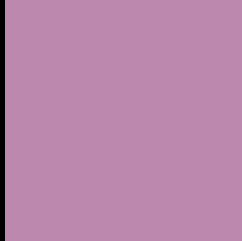
Large Text (above 18pt) WCAG AA × Fail

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 37.3333, 31.4443, 43.6368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

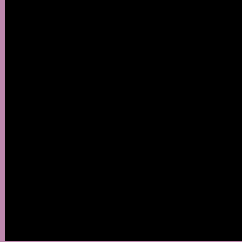
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3333, 31.4443, 43.6368

Background



This preview shows how black text looks on a background with the XYZ color 37.3333, 31.4443, 43.6368.



This preview shows how white text looks on a background with the XYZ color 37.3333, 31.4443,

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

37.3333, 31.4443, 43.6368

Protanopia

31.4679, 31.6631, 49.2528

Deuteranopia

32.2387, 31.4910, 42.9073



Tritanopia

35.2137, 31.4296, 33.4887

Trichromacy



Original Color

37.3333, 31.4443, 43.6368

Protanomaly

33.3159, 31.4938, 46.9708

Deuteranomaly

33.9972, 31.4711, 43.3124

Tritanomaly

35.9841, 31.5332, 36.9908

Monochromacy



Original Color

37.3333, 31.4443, 43.6368

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.4175, 32.4284, 38.6804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3333, 31.4443, 43.6368 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(189, 136, 173)` looks like.

```
.text, #text, p{  
    color:rgb(189, 136, 173)  
}
```

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(189, 136, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 136, 173) }
```

Border

The CSS property to change the border of an element to XYZ 37.3333, 31.4443, 43.6368 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(189, 136, 173) }
```


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

```
.border{ border-color:rgb(189, 136, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 136, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 136, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 136, 173);  
box-shadow:4px 4px 4px 4px rgb(189, 136,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3333, 31.4443, 43.6368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 136, 173) }
```

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

```
.background{ background-color: rgb(189,  
136, 173) }
```

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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