

Converting Colors

XYZ(35.9347, 31.6329, 37.3695)

Have a look what the booklet for
XYZ(35.9347, 31.6329, 37.3695)
contains.

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Color

**XYZ(35.9729, 31.7333,
37.4869)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8CA0
RGB	186, 140, 160
RGB Percent	73%, 55%, 63%
CMY	0.2706, 0.4510, 0.3725
CMYK	0.00, 0.25, 0.14, 0.27
HSL	334°, 25%, 64%
HSV	334°, 25%, 73%
XYZ	35.9729, 31.7333, 37.4869
YIQ	156.0340, 20.9960, 15.9720

Conversions

Conversions Part 2

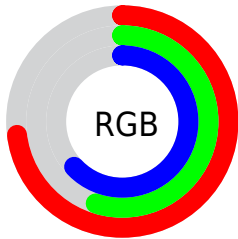
Format	Color
R_{YB}	186, 140, 160
Decimal	12225696
CIE _{Lab}	63.12, 20.63, -3.76
CIE _{LCh}	63, 20.970, 349.677
Yxy	31.7333, 0.3420, 0.3017
Android (android.graphics.Color)	4290415776 (0xFFBA8CA0)
YUV	156.0340, 1.9552, 26.2802
Hunter-Lab	56.3323, 15.4056, -0.0225

Details

The XYZ color **35.9729, 31.7333, 37.4869** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.2583, 43.4472, 42.6061**, and the grayscale version is **31.6008, 33.2465, 36.2055**.

A 20% lighter version of the original color is **68.5197, 62.5446, 72.7509**, and **15.8484, 13.1544, 16.1718** is the 20% darker color. If you saturate the color by 10%, you get **32.6003, 26.3979, 32.0152**, and if you desaturate by 10%, it is **39.8846, 38.0214, 43.5228**.

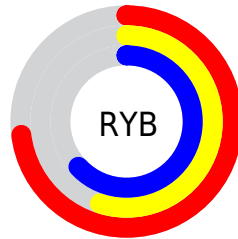
Distribution



Red (73%)

Green (55%)

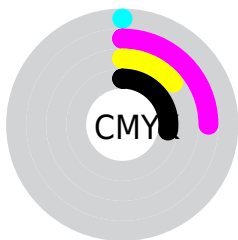
Blue (63%)



Red (73%)

Yellow (55%)

Blue (63%)

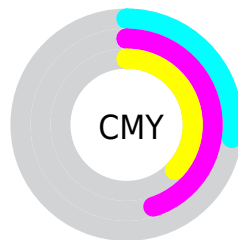


Cyan (0%)

Magenta (25%)

Yellow (14%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9729, 31.7333, 37.4869 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 35.9729, 31.7333, 37.4869 by changing the saturation by 10% instead.


 35.9729, 31.7333,
37.4869


 35.9729, 31.7333,
37.4869

320.2754,
309.9026, 350.6457


 24.5833, 21.1579,
25.2860


 68.3144, 62.3928,
72.5157

 15.8939, 13.2395,
16.0693


 89.9969, 83.2456,
96.1806

 9.5395, 7.5936,
9.4183


 115.8412,
108.2930, 124.5039

 5.1546, 3.8360,
4.9145

146.2125,
137.9193, 157.9042

 2.3740, 1.5823,
2.1393

181.4762,
172.5091, 196.8000

 0.8321, 0.3456,
0.6390

221.9977,

 0.0000, 0.0000,

212.4466, 241.6098

0.0000

268.1423,
258.1163, 292.7522

■ 35.9729, 31.7333,
37.4869

■ 35.9729, 31.7333,
37.4869

■ 32.6003, 26.3979,
32.0152

■ 39.8846, 38.0214,
43.5228

■ 29.7389, 21.9641,
27.0880

■ 44.3558, 45.3017,
50.1377

■ 27.3626, 18.3822,
22.6870

■ 49.4095, 53.6164,
57.3486

■ 25.4418, 15.5962,
18.7921

■ 55.0662, 63.0043,
65.1707

■ 23.9431, 13.5432,
15.3816

■ 61.3458, 73.5019,
73.6189

■ 22.8286, 12.1505,
12.4314

■ 68.2668, 85.1442,
82.7076

■ 22.0523, 11.3304,
9.9145

■ 70.8033, 87.8766,
90.7691

■ 21.7299, 11.0312,
8.7416

■ 72.3558, 88.4976,
98.9447

■ 73.9995, 89.1550,
107.6000

Harmonies

Analogous

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



34.6052, 31.7333, 45.9225



35.9729, 31.7333, 37.4869



35.7095, 31.7333, 29.4599

Triad

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



35.9729, 31.7333, 37.4869



28.3267, 31.7333, 21.6156



26.7027, 31.7333, 48.1795

Complementary

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



35.9729, 31.7333, 37.4869



35.2583, 43.4472, 42.6061

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.



25.2202, 31.7333, 40.1998



35.9729, 31.7333, 37.4869



26.1155, 31.7333, 25.2330

Square

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



35.9729, 31.7333, 37.4869



31.1696, 31.7333, 21.1274



25.0124, 31.7333, 31.7747



29.1755, 31.7333, 52.7182

Rectangle

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



35.9729, 31.7333, 37.4869



34.6495, 31.7333, 25.3449



25.0124, 31.7333, 31.7747



26.0789, 31.7333, 45.7563

Sweetspot

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



35.9738, 31.7347, 37.4876



78.3683, 78.7943, 87.9183



33.8217, 30.3344, 50.5272



17.1472, 17.1710, 19.1986



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.



35.9738, 31.7347, 37.4876



61.5616, 51.7369, 62.1049



34.7021, 31.7694, 29.1158



9.1624, 9.0753, 10.2025



14.6553, 7.4359, 6.0718



0.5478, 0.2746, 0.3782

Inverse Universe

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



35.9738, 31.7347, 37.4876



61.5616, 51.7369, 62.1049



36.7573, 43.2778, 52.8708



9.1624, 9.0753, 10.2025



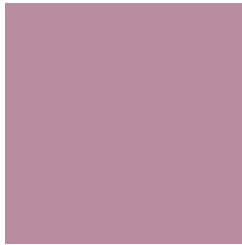
14.6553, 7.4359, 6.0718



0.5478, 0.2746, 0.3782

Previews

White Background



This preview shows how the XYZ color 35.9729, 31.7333, 37.4869 looks on a white background.

Color Contrast Check

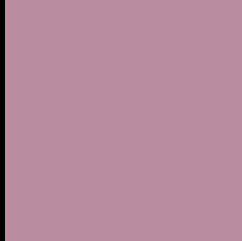
Large Text (above 18pt) WCAG AA × Fail

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 35.9729, 31.7333, 37.4869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

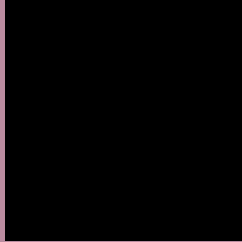
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9729, 31.7333, 37.4869

Background



This preview shows how black text looks on a background with the XYZ color 35.9729, 31.7333, 37.4869.



This preview shows how white text looks on a background with the XYZ color 35.9729, 31.7333,

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

35.9729, 31.7333, 37.4869

Protanopia

31.1522, 31.9219, 41.0789

Deuteranopia

32.2785, 31.6478, 36.7551



Tritanopia

35.2000, 31.6310, 33.9559

Trichromacy



Original Color

35.9729, 31.7333, 37.4869

Protanomaly

32.6006, 31.7527, 39.5326

Deuteranomaly

33.6170, 31.6382, 37.1359

Tritanomaly

35.4489, 31.7306, 35.2666

Monochromacy



Original Color

35.9729, 31.7333, 37.4869

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.9285, 32.4625, 36.4287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9729, 31.7333, 37.4869 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(186, 140, 160)` looks like.

```
.text, #text, p{  
    color:rgb(186, 140, 160)  
}
```

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(186, 140, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 140, 160) }
```

Border

The CSS property to change the border of an element to XYZ 35.9729, 31.7333, 37.4869 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(186, 140, 160) }
```


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

```
.border{ border-color:rgb(186, 140, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 140, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 140, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 140, 160);  
box-shadow:4px 4px 4px 4px rgb(186, 140,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9729, 31.7333, 37.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 140, 160) }
```

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

```
.background{ background-color: rgb(186,  
140, 160) }
```

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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