

Converting Colors

XYZ(42.3131, 37.2620, 34.4616)

Have a look what the booklet for
XYZ(42.3131, 37.2620, 34.4616)
contains.

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Color

**XYZ(42.3060, 37.3451,
34.6843)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9698
RGB	207, 150, 152
RGB Percent	81%, 59%, 60%
CMY	0.1882, 0.4117, 0.4039
CMYK	0.00, 0.28, 0.27, 0.19
HSL	358°, 37%, 70%
HSV	358°, 28%, 81%
XYZ	42.3060, 37.3451, 34.6843
YIQ	167.2710, 33.3300, 12.7060

Conversions

Conversions Part 2

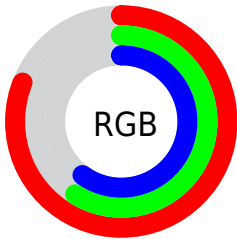
Format	Color
R_{YB}	207, 150, 152
Decimal	13604504
CIE _{Lab}	67.54, 21.70, 7.44
CIE _{LCh}	68, 22.934, 18.918
Yxy	37.3451, 0.3700, 0.3266
Android (android.graphics.Color)	4291794584 (0xFFCF9698)
YUV	167.2710, -7.5286, 34.8423
Hunter-Lab	61.1106, 16.6293, 9.1265

Details

The XYZ color **42.3060, 37.3451, 34.6843** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9116, 55.5184, 66.0568**, and the grayscale version is **36.8878, 38.8088, 42.2628**.

A 20% lighter version of the original color is **73.9734, 68.9020, 67.7931**, and **19.5733, 16.4426, 14.4540** is the 20% darker color. If you saturate the color by 10%, you get **37.7894, 30.7131, 25.7756**, and if you desaturate by 10%, it is **47.6837, 45.2577, 45.2402**.

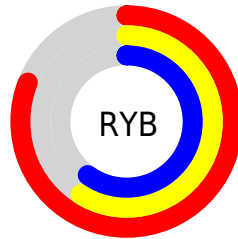
Distribution



Red (81%)

Green (59%)

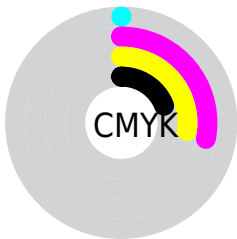
Blue (60%)



Red (81%)

Yellow (59%)

Blue (60%)

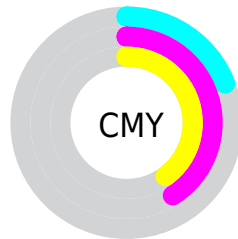


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3060, 37.3451, 34.6843 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 42.3060, 37.3451, 34.6843 by changing the saturation by 10% instead.


 42.3060, 37.3451,
34.6843


 42.3060, 37.3451,
34.6843


346.7199,
334.8022, 338.0345

 29.5331, 25.4748,
23.1382


 77.9248, 71.1032,
68.1424

 19.6308, 16.4312,
14.4893


 101.5014, 93.7599,
90.8915

 12.2337, 9.8298,
8.3192


129.4100,
120.7807, 118.2120

 6.9763, 5.2862,
4.2091

162.0159,
152.5502, 150.5224

 3.4935, 2.4162,
1.7408

199.6845,
189.4527, 188.2414

 1.4198, 0.8342,
0.3884

242.7812,

 0.2703, 0.0000,

231.8726, 231.7873

0.0000

291.6712,
280.1943, 281.5788

■ 0.0000, 0.0000,
0.0000

■ 42.3060, 37.3451,
34.6843

■ 42.3060, 37.3451,
34.6843

■ 37.7894, 30.7131,
25.7756

■ 47.6837, 45.2577,
45.2402

■ 34.0863, 25.2897,
18.4289

■ 53.9606, 54.5077,
57.5180

■ 31.1493, 21.0034,
12.5548

■ 61.1765, 65.1549,
71.5906

■ 28.9246, 17.7734,
8.0542

■ 69.3676, 77.2538,
87.5262

■ 27.3517, 15.5082,
4.8154

■ 78.5685, 90.8560,
105.3892

■ 26.3601, 14.1007,
2.7096

■ 79.5423, 92.0055,
108.1742

■ 25.8551, 13.4033,
1.5778

■ 25.7720, 13.2813,
1.4134

Harmonies

Analogous

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



42.5762, 37.3451, 44.5118



42.3060, 37.3451, 34.6843



40.1417, 37.3451, 27.7078

Triad

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



42.3060, 37.3451, 34.6843



30.6244, 37.3451, 29.1867



34.2075, 37.3451, 62.8591

Complementary

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



42.3060, 37.3451, 34.6843



45.9116, 55.5184, 66.0568

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.



31.2222, 37.3451, 57.1320



42.3060, 37.3451, 34.6843



29.2467, 37.3451, 37.0417

Square

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



42.3060, 37.3451, 34.6843



33.3415, 37.3451, 24.9159



29.4580, 37.3451, 47.2909



37.7401, 37.3451, 61.9451

Rectangle

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



42.3060, 37.3451, 34.6843



37.9915, 37.3451, 25.0974



29.4580, 37.3451, 47.2909



33.1111, 37.3451, 61.6134

Sweetspot

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



42.3070, 37.3468, 34.6851



85.8748, 86.4642, 90.9988



47.1129, 39.1780, 64.1108



18.0352, 17.9974, 18.8023



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.3070, 37.3468, 34.6851



63.3948, 53.3773, 46.9022



46.6951, 46.3824, 35.3480



11.8253, 11.8148, 12.3557



16.2447, 8.3707, 0.9288



0.9143, 0.4704, 0.0836

Inverse Universe

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



42.3070, 37.3468, 34.6851



63.3948, 53.3773, 46.9022



40.4368, 44.1809, 65.4283



11.8253, 11.8148, 12.3557



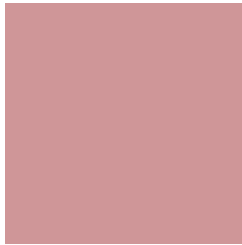
16.2447, 8.3707, 0.9288



0.9143, 0.4704, 0.0836

Previews

White Background



This preview shows how the XYZ color 42.3060, 37.3451, 34.6843 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 42.3060, 37.3451, 34.6843 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 42.3060, 37.3451, 34.6843

Background



This preview shows how black text looks on a background with the XYZ color 42.3060, 37.3451, 34.6843.



This preview shows how white text looks on a background with the XYZ color 42.3060, 37.3451,

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

42.3060, 37.3451, 34.6843

Protanopia

35.9828, 37.5240, 38.6041

Deuteranopia

38.1529, 37.4374, 34.0694



Tritanopia

43.1050, 37.4429, 38.2130

Trichromacy



Original Color

42.3060, 37.3451, 34.6843

Protanomaly

38.0124, 37.2979, 37.0940

Deuteranomaly

39.7225, 37.4806, 34.4190

Tritanomaly

42.8457, 37.3391, 36.8472

Monochromacy



Original Color

42.3060, 37.3451, 34.6843

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.5579, 38.0435, 39.4933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3060, 37.3451, 34.6843 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(207, 150, 152)` looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 152)  
}
```

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(207, 150, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 152) }
```

Border

The CSS property to change the border of an element to XYZ 42.3060, 37.3451, 34.6843 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(207, 150, 152) }
```


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

```
.border{ border-color:rgb(207, 150, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 150, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 152);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3060, 37.3451, 34.6843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 150, 152) }
```

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

```
.background{ background-color: rgb(207,  
150, 152) }
```

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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