

Converting Colors

XYZ(40.9470, 41.2370, 34.1934)

Have a look what the booklet for
XYZ(40.9470, 41.2370, 34.1934)
contains.

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Color

**XYZ(40.9133, 41.2516,
34.2398)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA895
RGB	191, 168, 149
RGB Percent	75%, 66%, 58%
CMY	0.2510, 0.3412, 0.4157
CMYK	0.00, 0.12, 0.22, 0.25
HSL	27°, 25%, 67%
HSV	27°, 22%, 75%
XYZ	40.9133, 41.2516, 34.2398
YIQ	172.7110, 19.8070, -1.0330

Conversions

Conversions Part 2

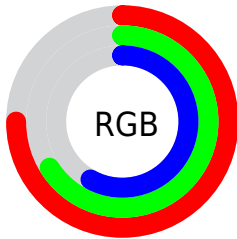
Format	Color
R_{YB}	191, 184, 149
Decimal	12560533
CIE _{Lab}	70.35, 5.32, 12.88
CIE _{LCh}	70, 13.933, 67.560
Yxy	41.2516, 0.3515, 0.3544
Android (android.graphics.Color)	4290750613 (0xFFBFA895)
YUV	172.7110, -11.6895, 16.0395
Hunter-Lab	64.2274, 1.3078, 13.3515

Details

The XYZ color **40.9133, 41.2516, 34.2398** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.5506, 39.6551, 55.0181**, and the grayscale version is **39.6248, 41.6884, 45.3986**.

A 20% lighter version of the original color is **75.8786, 77.0436, 67.3716**, and **18.7665, 18.6910, 14.1739** is the 20% darker color. If you saturate the color by 10%, you get **37.6583, 36.9850, 26.2384**, and if you desaturate by 10%, it is **44.5759, 45.9326, 43.6118**.

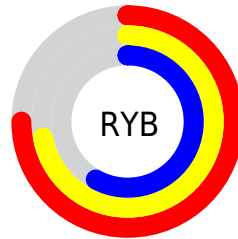
Distribution



Red (75%)

Green (66%)

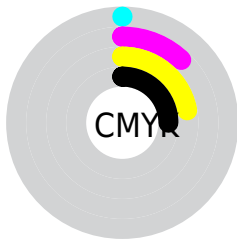
Blue (58%)



Red (75%)

Yellow (72%)

Blue (58%)

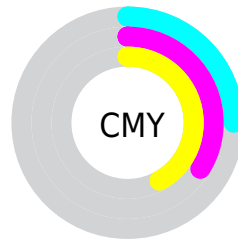


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9133, 41.2516, 34.2398 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 40.9133, 41.2516, 34.2398 by changing the saturation by 10% instead.


 40.9133, 41.2516,
34.2398


 40.9133, 41.2516,
34.2398


341.0269,
351.3711, 336.0017

 28.4387, 28.5157,
22.7990


 75.8278, 77.0657,
67.4446

 18.7988, 18.7148,
14.2413


 98.9984, 100.9127,
90.0456

 11.6281, 11.4644,
8.1480


126.4651,
129.2322, 117.2039

 6.5614, 6.3801,
4.1007

158.5932,
162.4086, 149.3378

 3.2332, 3.0776,
1.6807

195.7481,
200.8263, 186.8661

 1.2783, 1.1724,
0.3475

238.2951,

 0.1669, 0.0390,

244.8697, 230.2071

0.0000

286.5996,
294.9231, 279.7795

■ 0.0000, 0.0000,
0.0000

■ 40.9133, 41.2516,
34.2398

■ 40.9133, 41.2516,
34.2398

■ 37.6583, 36.9850,
26.2384

■ 44.5759, 45.9326,
43.6118

■ 34.7919, 33.1150,
19.5398

■ 48.6576, 51.0338,
54.4129

■ 32.2981, 29.6307,
14.0739

■ 53.1737, 56.5683,
66.7010

■ 30.1585, 26.5185,
9.7633

■ 58.1374, 62.5467,
80.5302

■ 28.3529, 23.7636,
6.5214

■ 63.5616, 68.9791,
95.9520

■ 26.8585, 21.3502,
4.2493

■ 68.0422, 75.3090,
105.5576

■ 25.6486, 19.2604,
2.8291

■ 71.0531, 81.3307,
106.5612

■ 24.8476, 17.7998,
2.1261

■ 74.2417, 87.7079,
107.6241

■ 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



42.8034, 41.2516, 37.6592



40.9133, 41.2516, 34.2398



38.6320, 41.2516, 33.5393

Triad

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



40.9133, 41.2516, 34.2398



35.0035, 41.2516, 46.5954



41.9542, 41.2516, 55.6722

Complementary

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



40.9133, 41.2516, 34.2398



36.5506, 39.6551, 55.0181

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.



39.7905, 41.2516, 58.6120



40.9133, 41.2516, 34.2398



35.8205, 41.2516, 53.0498

Square

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



40.9133, 41.2516, 34.2398



35.2779, 41.2516, 40.2723



37.5515, 41.2516, 57.6084



43.4205, 41.2516, 49.9036

Rectangle

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



40.9133, 41.2516, 34.2398



37.2063, 41.2516, 34.6385



37.5515, 41.2516, 57.6084



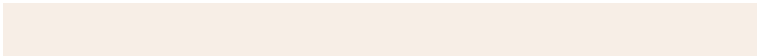
41.2811, 41.2516, 57.0484

Sweetspot

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



40.9144, 41.2535, 34.2407



83.3059, 86.6264, 87.2189



39.6897, 35.5542, 43.8513



18.1957, 18.9004, 18.8949



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.9144, 41.2535, 34.2407



70.6107, 70.4145, 54.6908



45.0870, 49.5987, 35.6315



9.8761, 10.2282, 10.0303



16.4078, 11.8543, 1.4233



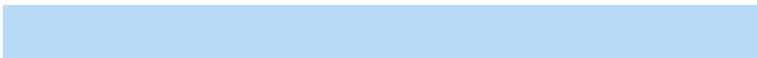
0.7081, 0.5951, 0.0775

Inverse Universe

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



36.5506, 39.6551, 55.0181



61.5168, 67.0820, 97.9850



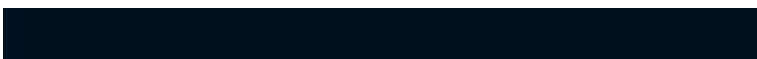
32.8816, 32.3172, 53.7952



9.4377, 10.0677, 12.1181



9.5531, 9.2180, 33.6686



0.4387, 0.4901, 1.3403

Previews

White Background



This preview shows how the XYZ color 40.9133, 41.2516, 34.2398 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 40.9133, 41.2516, 34.2398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

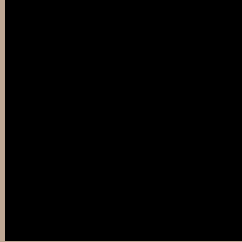
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9133, 41.2516, 34.2398

Background



This preview shows how black text looks on a background with the XYZ color 40.9133, 41.2516, 34.2398.



This preview shows how white text looks on a background with the XYZ color 40.9133, 41.2516,

34.2398.

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

40.9133, 41.2516, 34.2398

Protanopia

39.1608, 41.4427, 35.2134

Deuteranopia

42.0870, 41.3127, 34.1897



Tritanopia

43.4594, 41.1946, 47.2558

Trichromacy



Original Color

40.9133, 41.2516, 34.2398

Protanomaly

39.8351, 41.5182, 34.7684

Deuteranomaly

41.7492, 41.4095, 34.2262

Tritanomaly

42.4225, 41.0377, 42.2444

Monochromacy



Original Color

40.9133, 41.2516, 34.2398

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0861, 41.5095, 41.0213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9133, 41.2516, 34.2398 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(191, 168, 149)` looks like.

```
.text, #text, p{  
    color:rgb(191, 168, 149)  
}
```

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(191, 168, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 168, 149) }
```

Border

The CSS property to change the border of an element to XYZ 40.9133, 41.2516, 34.2398 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(191, 168, 149) }
```


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

```
.border{ border-color:rgb(191, 168, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 168, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 168, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 168, 149);  
box-shadow:4px 4px 4px 4px rgb(191, 168,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9133, 41.2516, 34.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 168, 149) }
```

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

```
.background{ background-color: rgb(191,  
168, 149) }
```

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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