

Converting Colors

XYZ(34.4807, 30.8903, 38.1831)

Have a look what the booklet for
XYZ(34.4807, 30.8903, 38.1831)
contains.

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Color

**XYZ(34.4901, 30.9485,
38.3383)**

Conversions

Conversions Part 1

Format	Color
Hex	B38CA2
RGB	179, 140, 162
RGB Percent	70%, 55%, 64%
CMY	0.2980, 0.4510, 0.3647
CMYK	0.00, 0.22, 0.09, 0.30
HSL	326°, 20%, 63%
HSV	326°, 22%, 70%
XYZ	34.4901, 30.9485, 38.3383
YIQ	154.1690, 16.1820, 15.1100

Conversions

Conversions Part 2

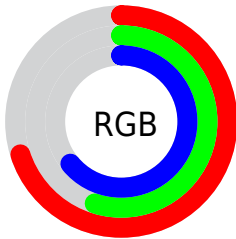
Format	Color
R_{YB}	179, 140, 162
Decimal	11766946
CIE _{Lab}	62.46, 18.43, -5.95
CIE _{LCh}	62, 19.361, 342.118
Yxy	30.9485, 0.3323, 0.2982
Android (android.graphics.Color)	4289957026 (0xFFB38CA2)
YUV	154.1690, 3.8607, 21.7768
Hunter-Lab	55.6314, 13.3108, -1.9177

Details

The XYZ color **34.4901, 30.9485, 38.3383** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.0224, 40.2509, 37.9289**, and the grayscale version is **30.7687, 32.3711, 35.2521**.

A 20% lighter version of the original color is **66.0771, 61.2555, 73.9865**, and **15.0748, 12.8737, 16.4422** is the 20% darker color. If you saturate the color by 10%, you get **31.4122, 25.8682, 33.9958**, and if you desaturate by 10%, it is **38.0384, 36.8998, 43.0507**.

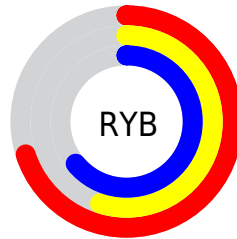
Distribution



Red (70%)

Green (55%)

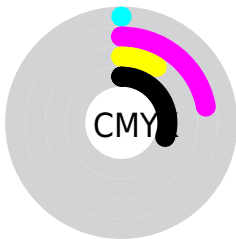
Blue (64%)



Red (70%)

Yellow (55%)

Blue (64%)

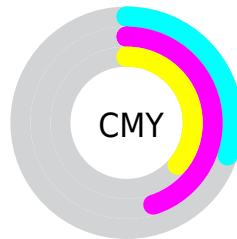


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (30%)



Cyan (30%)


Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4901, 30.9485, 38.3383 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 34.4901, 30.9485, 38.3383 by changing the saturation by 10% instead.


 34.4901, 30.9485,
38.3383


 34.4901, 30.9485,
38.3383


313.8595,
306.3010, 354.4106


 23.4350, 20.5596,
25.9415

 66.0343, 61.1590,
73.8355

 15.0375, 12.8025,
16.5545


 87.2542, 81.7494,
97.7730

 8.9322, 7.2927,
9.7588


 112.5931,
106.5091, 126.3945

 4.7537, 3.6458,
5.1358

142.4163,
135.8225, 160.1185

 2.1368, 1.4775,
2.2670

177.0891,
170.0740, 199.3636

 0.7091, 0.2728,
0.7127

216.9771,

 0.0000, 0.0000,

209.6480, 244.5483

0.0000

262.4454,
254.9288, 296.0911

■ 34.4901, 30.9485,
38.3383

■ 34.4901, 30.9485,
38.3383

■ 31.4122, 25.8682,
33.9958

■ 38.0384, 36.8998,
43.0507

■ 28.7806, 21.6132,
30.0102

■ 42.0741, 43.7564,
48.1414

■ 26.5731, 18.1402,
26.3707

■ 46.6171, 51.5561,
53.6209

■ 24.7646, 15.4000,
23.0648

■ 51.6849, 60.3331,
59.4986

■ 23.3271, 13.3380,
20.0790

■ 57.2944, 70.1200,
65.7837

■ 22.2285, 11.8917,
17.3983

■ 63.4617, 80.9477,
72.4847

■ 21.4311, 10.9867,
15.0057

■ 66.8261, 86.0940,
78.4849

■ 20.9381, 10.5228,
13.2315

■ 67.8631, 86.5088,
83.9459

■ 68.9488, 86.9431,
89.6630

Harmonies

Analogous

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



32.9354, 30.9485, 45.6092



34.4901, 30.9485, 38.3383



34.6365, 30.9485, 30.7508

Triad

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



34.4901, 30.9485, 38.3383



28.3678, 30.9485, 21.4390



25.8252, 30.9485, 44.3619

Complementary

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



34.4901, 30.9485, 38.3383



33.0224, 40.2509, 37.9289

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.



24.7476, 30.9485, 36.8270



34.4901, 30.9485, 38.3383



26.1560, 30.9485, 24.0647

Square

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



34.4901, 30.9485, 38.3383



30.9943, 30.9485, 21.7188



24.8650, 30.9485, 29.4475



27.8915, 30.9485, 49.4273

Rectangle

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



34.4901, 30.9485, 38.3383



33.9051, 30.9485, 26.5759



24.8650, 30.9485, 29.4475



25.3410, 30.9485, 41.9900

Sweetspot

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



34.4910, 30.9499, 38.3390



71.3876, 71.6114, 81.2718



31.4011, 29.1704, 46.6238



15.7226, 15.7071, 17.8877



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.4910, 30.9499, 38.3390



59.1038, 51.0056, 64.9627



32.8973, 30.3124, 29.9466



8.6904, 8.5829, 9.8680



14.8288, 7.4491, 9.5244



0.4952, 0.2458, 0.4506

Inverse Universe

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



34.4910, 30.9499, 38.3390



59.1038, 51.0056, 64.9627



34.8124, 40.9669, 47.3553



8.6904, 8.5829, 9.8680



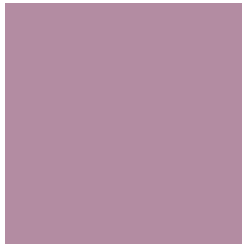
14.8288, 7.4491, 9.5244



0.4952, 0.2458, 0.4506

Previews

White Background



This preview shows how the XYZ color 34.4901, 30.9485, 38.3383 looks on a white background.

Color Contrast Check

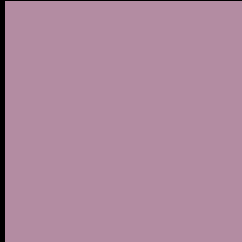
Large Text (above 18pt) WCAG AA × Fail

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 34.4901, 30.9485, 38.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

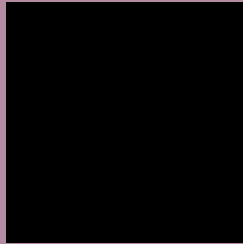
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4901, 30.9485, 38.3383

Background



This preview shows how black text looks on a background with the XYZ color 34.4901, 30.9485, 38.3383.



This preview shows how white text looks on a background with the XYZ color 34.4901, 30.9485,

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

34.4901, 30.9485, 38.3383

Protanopia

30.3687, 31.0294, 41.4345

Deuteranopia

31.7670, 31.1220, 38.0511



Tritanopia

33.7829, 31.1109, 34.3614

Trichromacy



Original Color

34.4901, 30.9485, 38.3383

Protanomaly

31.6590, 30.7845, 40.3498

Deuteranomaly

32.5547, 30.8446, 37.9560

Tritanomaly

33.8857, 30.9150, 35.6337

Monochromacy



Original Color

34.4901, 30.9485, 38.3383

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.9375, 31.7157, 36.3368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4901, 30.9485, 38.3383 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(179, 140, 162)` looks like.

```
.text, #text, p{  
    color:rgb(179, 140, 162)  
}
```

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(179, 140, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 140, 162) }
```

Border

The CSS property to change the border of an element to XYZ 34.4901, 30.9485, 38.3383 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(179, 140, 162) }
```


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

```
.border{ border-color:rgb(179, 140, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 140, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 140, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 140, 162);  
box-shadow:4px 4px 4px 4px rgb(179, 140,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4901, 30.9485, 38.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 140, 162) }
```

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

```
.background{ background-color: rgb(179,  
140, 162) }
```

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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