

Converting Colors

XYZ(34.9235, 30.7327, 48.5075)

Have a look what the booklet for
XYZ(34.9235, 30.7327, 48.5075)
contains.

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Color

**XYZ(34.9097, 30.7269,
48.3469)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8BB6
RGB	173, 139, 182
RGB Percent	68%, 55%, 71%
CMY	0.3216, 0.4549, 0.2863
CMYK	0.05, 0.24, 0.00, 0.29
HSL	287°, 23%, 63%
HSV	287°, 24%, 71%
XYZ	34.9097, 30.7269, 48.3469
YIQ	154.0680, 6.4610, 20.5810

Conversions

Conversions Part 2

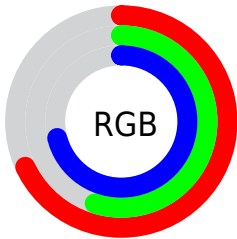
Format	Color
RYB	173, 139, 182
Decimal	11373494
CIELab	62.28, 20.68, -17.62
CIELCh	62, 27.166, 319.560
Yxy	30.7269, 0.3063, 0.2696
Android (android.graphics.Color)	4289563574 (0xFFAD8BB6)
YUV	154.0680, 13.7705, 16.6034
Hunter-Lab	55.4319, 15.4094, -12.9096

Details

The XYZ color **34.9097, 30.7269, 48.3469** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.6020, 41.6167, 30.6894**, and the grayscale version is **30.6853, 32.2833, 35.1566**.

A 20% lighter version of the original color is **66.8157, 60.9710, 89.1359**, and **15.2806, 12.7228, 22.4193** is the 20% darker color. If you saturate the color by 10%, you get **31.6605, 25.4608, 47.5022**, and if you desaturate by 10%, it is **38.6235, 36.8854, 49.3403**.

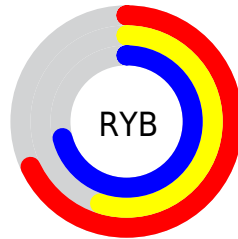
Distribution



Red (68%)

Green (55%)

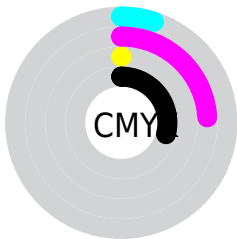
Blue (71%)



Red (68%)

Yellow (55%)

Blue (71%)

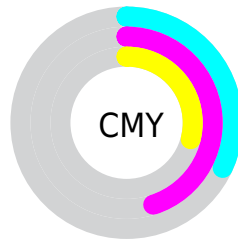


Cyan (5%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (45%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9097, 30.7269, 48.3469 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 34.9097, 30.7269, 48.3469 by changing the saturation by 10% instead.

■ 34.9097, 30.7269,
48.3469

■ 34.9097, 30.7269,
48.3469

315.6846,
305.2782, 396.7138

■ 23.7595, 20.3910,
33.7397

■ 66.6808, 60.8098,
89.0916

■ 15.2791, 12.6796,
22.4180

■ 88.0324, 81.3257,
116.0662

■ 9.1031, 7.2083,
13.9631

■ 113.5152,
106.0036, 148.0004

■ 4.8661, 3.5927,
7.9566

143.4946,
135.2279, 185.3127

■ 2.2029, 1.4484,
3.9798

178.3358,
169.3832, 228.4217

■ 0.7443, 0.2520,
1.6143

218.4044,

■ 0.0000, 0.0000,

208.8537, 277.7458

0.3010

264.0655,
254.0239, 333.7037

■ 0.0000, 0.0000,
0.0000

■ 34.9097, 30.7269,
48.3469

■ 34.9097, 30.7269,
48.3469

■ 31.6605, 25.4608,
47.5022

■ 38.6235, 36.8854,
49.3403

■ 28.8513, 21.0397,
46.7969

■ 42.8194, 43.9728,
50.4872

■ 26.4591, 17.4177,
46.2238

■ 47.5176, 52.0286,
51.7945

■ 24.4578, 14.5429,
45.7744

■ 52.7361, 61.0884,
53.2682

■ 22.8184, 12.3572,
45.4389

■ 58.4921, 71.1863,
54.9139

■ 21.5073, 10.7939,
45.2063

■ 64.8018, 82.3547,
56.7371

■ 20.4841, 9.7727,
45.0631

■ 67.9342, 87.1310,
57.4939

■ 19.9289, 9.2983,
45.0008

■ 68.9622, 87.6609,
57.5420

■ 70.0157, 88.2040,
57.5913

Harmonies

Analogous

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



31.6310, 30.7269, 56.3330



34.9097, 30.7269, 48.3469



36.7064, 30.7269, 37.2526

Triad

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



34.9097, 30.7269, 48.3469



30.5021, 30.7269, 17.2612



23.0493, 30.7269, 40.6862

Complementary

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



34.9097, 30.7269, 48.3469



33.6020, 41.6167, 30.6894

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.



22.8022, 30.7269, 29.9272



34.9097, 30.7269, 48.3469



26.9064, 30.7269, 17.8016

Square

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



34.9097, 30.7269, 48.3469



34.0240, 30.7269, 20.3154



24.1583, 30.7269, 21.9880



24.8639, 30.7269, 51.3086

Rectangle

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



34.9097, 30.7269, 48.3469



36.7284, 30.7269, 30.2120



24.1583, 30.7269, 21.9880



22.7863, 30.7269, 36.9250

Sweetspot

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



34.9107, 30.7282, 48.3476



74.8709, 75.0361, 90.7730



29.7319, 30.1471, 48.5083



16.4352, 16.4015, 20.0212



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.9107, 30.7282, 48.3476



60.3324, 50.8819, 86.8770



35.7633, 31.3070, 42.0981



9.1919, 9.0653, 11.3447



14.1300, 6.5955, 31.7814



0.5450, 0.2567, 1.1226

Inverse Universe

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



33.8704, 30.5498, 32.1300



58.2102, 50.5489, 52.3924



32.9773, 41.1860, 35.5692



9.0795, 9.0422, 9.7659



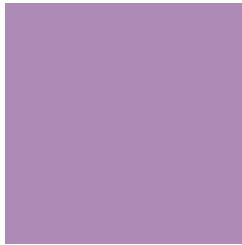
13.8917, 7.1304, 2.0507



0.5124, 0.2604, 0.1919

Previews

White Background



This preview shows how the XYZ color 34.9097, 30.7269, 48.3469 looks on a white background.

Color Contrast Check

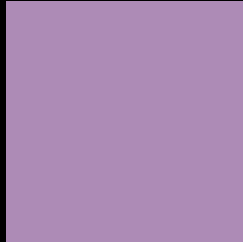
Large Text (above 18pt) WCAG AA × Fail

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 34.9097, 30.7269, 48.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

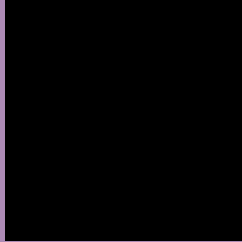
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9097, 30.7269, 48.3469

Background



This preview shows how black text looks on a background with the XYZ color 34.9097, 30.7269, 48.3469.



This preview shows how white text looks on a background with the XYZ color 34.9097, 30.7269,

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

34.9097, 30.7269, 48.3469

Protanopia

30.9173, 30.8317, 52.4657

Deuteranopia

31.4344, 30.7420, 47.4570



Tritanopia

32.2518, 30.7481, 35.2455

Trichromacy



Original Color

34.9097, 30.7269, 48.3469

Protanomaly

32.1252, 30.5683, 50.6615

Deuteranomaly

32.6118, 30.6536, 47.9140

Tritanomaly

33.0421, 30.6087, 39.7639

Monochromacy



Original Color

34.9097, 30.7269, 48.3469

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.1462, 31.7523, 39.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9097, 30.7269, 48.3469 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(173, 139, 182)` looks like.

```
.text, #text, p{  
    color:rgb(173, 139, 182)  
}
```

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(173, 139, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 139, 182) }
```

Border

The CSS property to change the border of an element to XYZ 34.9097, 30.7269, 48.3469 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(173, 139, 182) }
```


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

```
.border{ border-color:rgb(173, 139, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 139, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 139, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 139, 182);  
box-shadow:4px 4px 4px 4px rgb(173, 139,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9097, 30.7269, 48.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 139, 182) }
```

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

```
.background{ background-color: rgb(173,  
139, 182) }
```

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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