

Converting Colors

XYZ(34.8547, 30.5415, 47.0085)

Have a look what the booklet for
XYZ(34.8547, 30.5415, 47.0085)
contains.

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Color

**XYZ(34.7823, 30.4709,
47.2283)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8AB4
RGB	174, 138, 180
RGB Percent	68%, 54%, 71%
CMY	0.3176, 0.4588, 0.2941
CMYK	0.03, 0.23, 0.00, 0.29
HSL	291°, 22%, 62%
HSV	291°, 23%, 71%
XYZ	34.7823, 30.4709, 47.2283
YIQ	153.5520, 7.9740, 20.6940

Conversions

Conversions Part 2

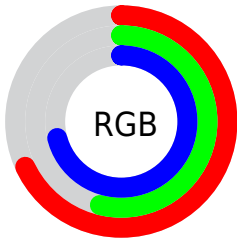
Format	Color
RYB	174, 138, 180
Decimal	11438772
CIELab	62.06, 21.18, -16.81
CIELCh	62, 27.040, 321.559
Yxy	30.4709, 0.3092, 0.2709
Android (android.graphics.Color)	4289628852 (0xFFAE8AB4)
YUV	153.5520, 13.0389, 17.9329
Hunter-Lab	55.2005, 15.8737, -12.0869

Details

The XYZ color **34.7823, 30.4709, 47.2283** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.4113, 40.4075, 30.1374**, and the grayscale version is **30.4621, 32.0485, 34.9009**.

A 20% lighter version of the original color is **66.6231, 60.5784, 87.5383**, and **15.2056, 12.5767, 21.7048** is the 20% darker color. If you saturate the color by 10%, you get **31.8437, 25.4355, 46.4117**, and if you desaturate by 10%, it is **38.1618, 36.3706, 48.1894**.

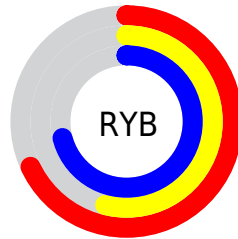
Distribution



Red (68%)

Green (54%)

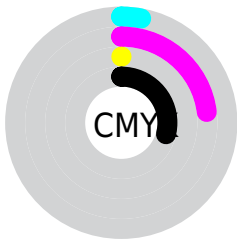
Blue (71%)



Red (68%)

Yellow (54%)

Blue (71%)

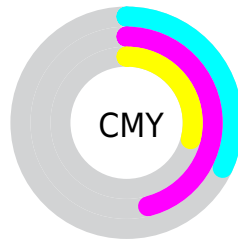


Cyan (3%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7823, 30.4709, 47.2283 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 34.7823, 30.4709, 47.2283 by changing the saturation by 10% instead.

■ 34.7823, 30.4709,
47.2283

■ 34.7823, 30.4709,
47.2283

315.1312,
304.0933, 392.1452

■ 23.6610, 20.1963,
32.8605

■ 66.4846, 60.4061,
87.4078

■ 15.2057, 12.5378,
21.7494

■ 87.7963, 80.8354,
114.0567

■ 9.0511, 7.1111,
13.4763

■ 113.2355,
105.4185, 145.6364

■ 4.8319, 3.5317,
7.6228

143.1675,
134.5397, 182.5653

■ 2.1827, 1.4152,
3.7702

177.9578,
168.5834, 225.2621

■ 0.7336, 0.2279,
1.5002

217.9716,

■ 0.0000, 0.0000,

207.9339, 274.1454

0.2180

263.5743,
252.9758, 329.6335

■ 0.0000, 0.0000,
0.0000

■ 34.7823, 30.4709,
47.2283

■ 34.7823, 30.4709,
47.2283

■ 31.8437, 25.4355,
46.4117

■ 38.1618, 36.3706,
48.1894

■ 29.3220, 21.2182,
45.7306

■ 41.9989, 43.1699,
49.2995

■ 27.1952, 17.7746,
45.1780

■ 46.3131, 50.9069,
50.5656

■ 25.4381, 15.0545,
44.7456

■ 51.1219, 59.6164,
51.9932

■ 24.0226, 13.0016,
44.4239

■ 56.4417, 69.3314,
53.5880

■ 22.9163, 11.5514,
44.2023

■ 62.2884, 80.0833,
55.3552

■ 22.0806, 10.6265,
44.0679

■ 65.7368, 86.0219,
56.3197

■ 21.6196, 10.1936,
44.0086

■ 66.3936, 86.3605,
56.3504

■ 67.0619, 86.7050,
56.3817

Harmonies

Analogous

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



31.6040, 30.4709, 55.4684



34.7823, 30.4709, 47.2283



36.4323, 30.4709, 36.2007

Triad

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



34.7823, 30.4709, 47.2283



29.9989, 30.4709, 17.0673



22.9408, 30.4709, 41.0817

Complementary

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



34.7823, 30.4709, 47.2283



32.4113, 40.4075, 30.1374

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.



22.5892, 30.4709, 30.3277



34.7823, 30.4709, 47.2283



26.4709, 30.4709, 17.8377

Square

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



34.7823, 30.4709, 47.2283



33.5234, 30.4709, 19.8500



23.8296, 30.4709, 22.2330



24.8337, 30.4709, 51.4350

Rectangle

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



34.7823, 30.4709, 47.2283



36.3555, 30.4709, 29.3298



23.8296, 30.4709, 22.2330



22.6451, 30.4709, 37.3481

Sweetspot

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



34.7832, 30.4722, 47.2290



73.4165, 73.4086, 88.5944



28.7394, 28.7375, 47.2127



15.7793, 15.7091, 19.1227



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.



34.7832, 30.4722, 47.2290



60.2281, 50.3606, 84.8408



34.7307, 30.6091, 39.8192



8.7283, 8.5840, 10.7032



15.1321, 7.1367, 30.7170



0.5087, 0.2413, 0.9680

Inverse Universe

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



32.9459, 29.8952, 30.4207



56.3662, 49.1636, 48.7940



32.5285, 40.3366, 36.0797



8.5442, 8.5244, 9.0981



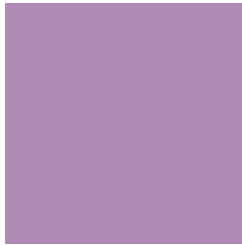
13.2803, 6.8297, 1.3701



0.4333, 0.2211, 0.1244

Previews

White Background



This preview shows how the XYZ color 34.7823, 30.4709, 47.2283 looks on a white background.

Color Contrast Check

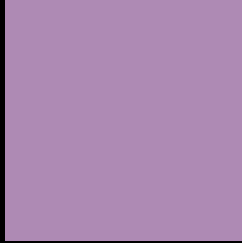
Large Text (above 18pt) WCAG AA × Fail

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 34.7823, 30.4709, 47.2283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

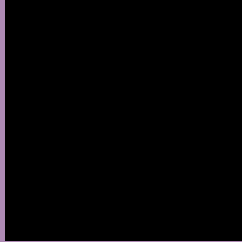
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7823, 30.4709, 47.2283

Background



This preview shows how black text looks on a background with the XYZ color 34.7823, 30.4709, 47.2283.



This preview shows how white text looks on a background with the XYZ color 34.7823, 30.4709,

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

34.7823, 30.4709, 47.2283

Protanopia

30.7016, 30.7455, 51.3300

Deuteranopia

31.2321, 30.6611, 46.3916



Tritanopia

32.2328, 30.5241, 34.7647

Trichromacy



Original Color

34.7823, 30.4709, 47.2283

Protanomaly

31.9140, 30.4838, 49.5493

Deuteranomaly

32.4080, 30.5721, 46.8407

Tritanomaly

32.9303, 30.3520, 38.7732

Monochromacy



Original Color

34.7823, 30.4709, 47.2283

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.8987, 31.4012, 39.0301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7823, 30.4709, 47.2283 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(174, 138, 180)` looks like.

```
.text, #text, p{  
    color:rgb(174, 138, 180)  
}
```

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(174, 138, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 138, 180) }
```

Border

The CSS property to change the border of an element to XYZ 34.7823, 30.4709, 47.2283 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(174, 138, 180) }
```


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

```
.border{ border-color:rgb(174, 138, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 138, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 138, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 138, 180);  
box-shadow:4px 4px 4px 4px rgb(174, 138,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7823, 30.4709, 47.2283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 138, 180) }
```

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

```
.background{ background-color: rgb(174,  
138, 180) }
```

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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