

# Converting Colors

XYZ(34.4749, 30.6946, 30.4447)

Have a look what the booklet for  
XYZ(34.4749, 30.6946, 30.4447)  
contains.

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# Color

**XYZ(34.3722, 30.6297,  
30.4861)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA8A90
RGB	186, 138, 144
RGB Percent	73%, 54%, 56%
CMY	0.2706, 0.4588, 0.4353
CMYK	0.00, 0.26, 0.23, 0.27
HSL	353°, 26%, 64%
HSV	353°, 26%, 73%
XYZ	34.3722, 30.6297, 30.4861
YIQ	153.0360, 26.6820, 12.0420

# Conversions

## Conversions Part 2

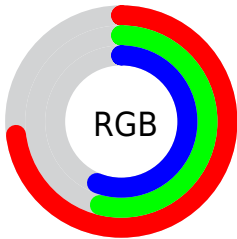
Format	Color
<a href="#">RYB</a>	<a href="#">186, 138, 144</a>
Decimal	<a href="#">12225168</a>
CIELab	<a href="#">62.19, 19.18, 3.98</a>
CIElCh	<a href="#">62, 19.592, 11.708</a>
Yxy	<a href="#">30.6297, 0.3600, 0.3208</a>
Android (android.graphics.Color)	<a href="#">4290415248 (0xFFBA8A90)</a>
YUV	<a href="#">153.0360, -4.4547, 28.9094</a>
Hunter-Lab	<a href="#">55.3441, 14.0076, 6.0812</a>

# Details

The XYZ color **34.3722, 30.6297, 30.4861** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.2796, 43.8170, 49.7275**, and the grayscale version is **30.3053, 31.8835, 34.7212**.

A 20% lighter version of the original color is **66.0048, 60.8312, 61.6888**, and **15.0258, 12.6931, 12.2477** is the 20% darker color. If you saturate the color by 10%, you get **30.7730, 25.2806, 23.5850**, and if you desaturate by 10%, it is **38.6094, 36.9673, 38.4855**.

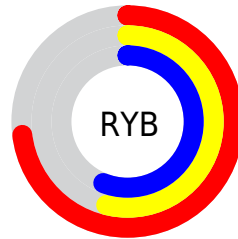
# Distribution



Red (73%)

Green (54%)

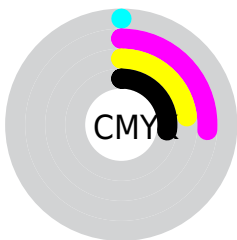
Blue (56%)



Red (73%)

Yellow (54%)

Blue (56%)

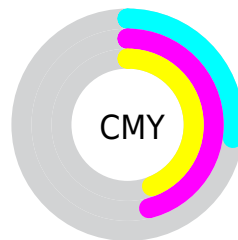


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (27%)



Cyan (27%)

Magenta (46%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3722, 30.6297, 30.4861 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 34.3722, 30.6297, 30.4861 by changing the saturation by 10% instead.





 34.3722, 30.6297,  
30.4861


 34.3722, 30.6297,  
30.4861


313.3453,  
304.8287, 318.4413


 23.3439, 20.3170,  
19.9527


 65.8525, 60.6566,  
61.5001

 14.9698, 12.6257,  
12.1769


 87.0352, 81.1396,  
82.8178

 8.8843, 7.1713,  
6.7403


 112.3335,  
105.7816, 108.5673

 4.7223, 3.5695,  
3.2242

142.1127,  
134.9668, 139.1672

 2.1183, 1.4358,  
1.2102

176.7381,  
169.0797, 175.0360

 0.6992, 0.2429,  
0.0000

216.5751,

 0.0000, 0.0000,

208.5048, 216.5923

0.0000

261.9890,  
253.6263, 264.2545

■ 34.3722, 30.6297,  
30.4861

■ 34.3722, 30.6297,  
30.4861

■ 30.7730, 25.2806,  
23.5850

■ 38.6094, 36.9673,  
38.4855

■ 27.7785, 20.8662,  
17.7322

■ 43.5110, 44.3354,  
47.6264

■ 25.3559, 17.3340,  
12.8770

■ 49.1048, 52.7786,  
57.9518

■ 23.4684, 14.6245,  
8.9632

■ 55.4163, 62.3375,  
69.5020

■ 22.0749, 12.6709,  
5.9294

■ 62.4699, 73.0508,  
82.3156

■ 21.1281, 11.3960,  
3.7065

■ 70.2885, 84.9554,  
96.4292

■ 20.5697, 10.7026,  
2.2145

■ 74.0598, 89.1791,  
107.9177

■ 20.4068, 10.5019,  
1.7747

# Harmonies

## Analogous

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



34.2039, 30.6297, 38.1252



34.3722, 30.6297, 30.4861



33.0696, 30.6297, 24.5818

# Triad

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



34.3722, 30.6297, 30.4861



25.8637, 30.6297, 23.6310



27.5481, 30.6297, 49.1482

# Complementary

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



34.3722, 30.6297, 30.4861



36.2796, 43.8170, 49.7275

# 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.



25.4846, 30.6297, 43.9900



34.3722, 30.6297, 30.4861



24.5534, 30.6297, 28.9921

# Square

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



34.3722, 30.6297, 30.4861



28.0945, 30.6297, 21.0431



24.4189, 30.6297, 36.3890



30.1551, 30.6297, 49.7099



# Rectangle

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



34.3722, 30.6297, 30.4861



31.5857, 30.6297, 22.1160



24.4189, 30.6297, 36.3890



26.7721, 30.6297, 47.8618

# Sweetspot

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



34.3730, 30.6311, 30.4867



76.6872, 77.0796, 82.2786



36.6817, 31.3790, 50.5779



16.5834, 16.5162, 17.5526



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438



# Same Dimension

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



34.3730, 30.6311, 30.4867



58.4400, 49.7707, 47.8788



36.6595, 35.9182, 29.0473



9.0491, 9.0300, 9.6057



13.7447, 7.0716, 1.2762



0.4995, 0.2553, 0.1236



# Inverse Universe

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



34.3730, 30.6311, 30.4867



58.4400, 49.7707, 47.8788



33.4219, 37.1028, 51.8545



9.0491, 9.0300, 9.6057



13.7447, 7.0716, 1.2762

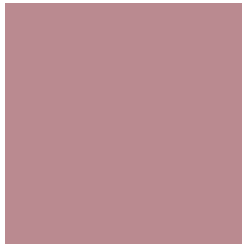


0.4995, 0.2553, 0.1236



# Previews

## White Background



This preview shows how the XYZ color 34.3722, 30.6297, 30.4861 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

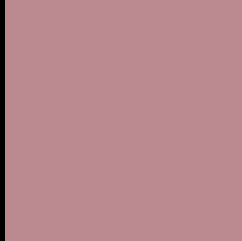
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 34.3722, 30.6297, 30.4861 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 34.3722, 30.6297, 30.4861**

## **Background**



This preview shows how black text looks on a background with the XYZ color 34.3722, 30.6297, 30.4861.



This preview shows how white text looks on a background with the XYZ color 34.3722, 30.6297,



# 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

34.3722, 30.6297, 30.4861

### Protanopia

29.6291, 30.8194, 33.6653

### Deuteranopia

31.2318, 30.5588, 30.2389



## Tritanopia

34.5407, 30.4685, 32.0775

# Trichromacy



## Original Color

34.3722, 30.6297, 30.4861

## Protanomaly

31.1412, 30.6952, 32.3004

## Deuteranomaly

32.3101, 30.4431, 30.1598

## Tritanomaly

34.4618, 30.4370, 31.6624

# Monochromacy



## Original Color

34.3722, 30.6297, 30.4861

## Achromatopsia

30.2779, 31.8547, 34.6897

## Achromatomaly

31.6120, 31.3812, 33.2452

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 34.3722, 30.6297, 30.4861 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(186, 138, 144)` looks like.

```
.text, #text, p{  
    color:rgb(186, 138, 144)  
}
```

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(186, 138, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 138, 144) }
```

## Border

The CSS property to change the border of an element to XYZ 34.3722, 30.6297, 30.4861 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(186, 138, 144) }
```



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

```
.border{ border-color:rgb(186, 138, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 138, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 138, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 138, 144); box-shadow:4px 4px 4px 4px rgb(186, 138, 144) }
```

# Background

The CSS property to change the background color of an element to XYZ 34.3722, 30.6297, 30.4861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 138, 144) }
```

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

```
.background{ background-color: rgb(186,  
138, 144) }
```

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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