

Converting Colors

XYZ(37.4415, 32.3170, 38.2901)

Have a look what the booklet for
XYZ(37.4415, 32.3170, 38.2901)
contains.

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Color

**XYZ(37.4924, 32.2803,
38.4371)**

Conversions

Conversions Part 1

Format	Color
Hex	C08BA2
RGB	192, 139, 162
RGB Percent	75%, 55%, 64%
CMY	0.2471, 0.4549, 0.3647
CMYK	0.00, 0.28, 0.16, 0.25
HSL	334°, 30%, 65%
HSV	334°, 28%, 75%
XYZ	37.4924, 32.2803, 38.4371
YIQ	157.4690, 24.2050, 18.3890

Conversions

Conversions Part 2

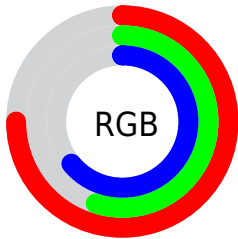
Format	Color
R_{YB}	192, 139, 162
Decimal	12618658
CIE Lab	63.57, 23.70, -4.15
CIE LCh	64, 24.065, 350.063
Yxy	32.2803, 0.3465, 0.2983
Android (android.graphics.Color)	4290808738 (0xFFC08BA2)
YUV	157.4690, 2.2338, 30.2837
Hunter-Lab	56.8158, 18.3636, -0.3400

Details

The XYZ color **37.4924, 32.2803, 38.4371** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.6598, 46.0536, 44.4952**, and the grayscale version is **32.2425, 33.9216, 36.9406**.

A 20% lighter version of the original color is **70.6613, 63.2894, 74.1375**, and **16.7854, 13.5085, 16.4746** is the 20% darker color. If you saturate the color by 10%, you get **34.0280, 26.8312, 32.7200**, and if you desaturate by 10%, it is **41.5304, 38.7422, 44.7582**.

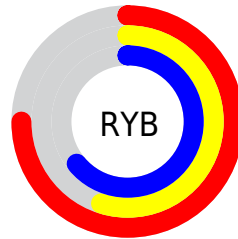
Distribution



Red (75%)

Green (55%)

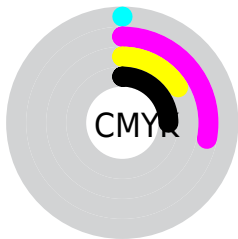
Blue (64%)



Red (75%)

Yellow (55%)

Blue (64%)

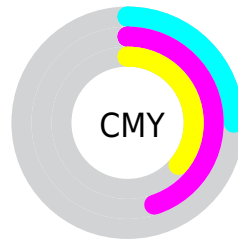


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (25%)



Cyan (25%)


Magenta (45%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4924, 32.2803, 38.4371 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 37.4924, 32.2803, 38.4371 by changing the saturation by 10% instead.


 37.4924, 32.2803,
38.4371


 37.4924, 32.2803,
38.4371


326.7561,
312.3941, 354.8456


 25.7644, 21.5757,
26.0176


 70.6384, 63.2503,
73.9884

 16.7792, 13.5455,
16.6110


 92.7871, 84.2844,
97.9574

 10.1715, 7.8052,
9.7985


 119.1400,
109.5305, 126.6133

 5.5760, 3.9706,
5.1617

150.0625,
139.3729, 160.3747

 2.6272, 1.6571,
2.2821

185.9201,
174.1961, 199.6600

 0.9598, 0.3957,
0.7211

227.0779,

 0.0000, 0.0000,

214.3844, 244.8880

0.0000

273.9015,
260.3223, 296.4769

■ 37.4924, 32.2803,
38.4371

■ 37.4924, 32.2803,
38.4371

■ 34.0280, 26.8312,
32.7200

■ 41.5304, 38.7422,
44.7582

■ 31.1068, 22.3385,
27.5853

■ 46.1649, 46.2607,
51.6997

■ 28.6997, 18.7472,
23.0128

■ 51.4209, 54.8821,
59.2802

■ 26.7735, 15.9946,
18.9802

■ 57.3212, 64.6491,
67.5164

■ 25.2910, 14.0100,
15.4633

■ 63.8873, 75.6017,
76.4246

■ 24.2088, 12.7109,
12.4353

■ 71.1398, 87.7781,
86.0205

■ 23.4649, 11.9771,
9.8624

■ 72.9429, 88.9044,
94.2674

■ 23.3119, 11.8359,
9.3033

■ 74.5895, 89.5630,
102.9378

■ 75.5484, 89.9465,
107.9873

Harmonies

Analogous

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



35.9043, 32.2803, 48.4080



37.4924, 32.2803, 38.4371



37.1562, 32.2803, 29.1770

Triad

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



37.4924, 32.2803, 38.4371



28.5189, 32.2803, 20.4799



26.7196, 32.2803, 51.3219

Complementary

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



37.4924, 32.2803, 38.4371



36.6598, 46.0536, 44.4952

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.



25.0063, 32.2803, 41.8821



37.4924, 32.2803, 38.4371



25.9913, 32.2803, 24.5614

Square

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



37.4924, 32.2803, 38.4371



31.8095, 32.2803, 19.8961



24.7498, 32.2803, 32.0516



29.5804, 32.2803, 56.6946

Rectangle

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



37.4924, 32.2803, 38.4371



35.8942, 32.2803, 24.5370



24.7498, 32.2803, 32.0516



25.9995, 32.2803, 48.4464

Sweetspot

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



37.4933, 32.2818, 38.4378



83.1782, 83.0553, 92.9861



34.9287, 30.6139, 53.9376



17.5574, 17.3503, 19.5248



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.



37.4933, 32.2818, 38.4378



64.0922, 52.4241, 63.3768



36.0206, 32.3141, 28.7666



10.2506, 10.1489, 11.4103



15.7239, 7.9793, 6.4580



0.7139, 0.3586, 0.4609

Inverse Universe

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



37.4933, 32.2818, 38.4378



64.0922, 52.4241, 63.3768



38.4359, 45.8414, 56.6920



10.2506, 10.1489, 11.4103



15.7239, 7.9793, 6.4580



0.7139, 0.3586, 0.4609

Previews

White Background



This preview shows how the XYZ color 37.4924, 32.2803, 38.4371 looks on a white background.

Color Contrast Check

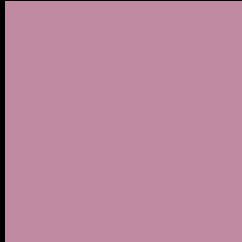
Large Text (above 18pt) WCAG AA × Fail

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 37.4924, 32.2803, 38.4371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

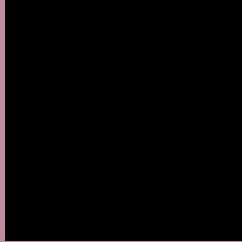
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4924, 32.2803, 38.4371

Background



This preview shows how black text looks on a background with the XYZ color 37.4924, 32.2803, 38.4371.



This preview shows how white text looks on a background with the XYZ color 37.4924, 32.2803,

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

37.4924, 32.2803, 38.4371

Protanopia

31.6908, 32.3981, 43.1113

Deuteranopia

33.1879, 32.5662, 37.7944



Tritanopia

36.6782, 32.3931, 34.0251

Trichromacy



Original Color

37.4924, 32.2803, 38.4371

Protanomaly

33.5941, 32.2225, 41.4947

Deuteranomaly

34.6164, 32.3611, 38.1400

Tritanomaly

36.8647, 32.2328, 35.7311

Monochromacy



Original Color

37.4924, 32.2803, 38.4371

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.7419, 32.8619, 37.3655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4924, 32.2803, 38.4371 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(192, 139, 162)` looks like.

```
.text, #text, p{  
    color:rgb(192, 139, 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(192, 139, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 139, 162) }
```

Border

The CSS property to change the border of an element to XYZ 37.4924, 32.2803, 38.4371 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(192, 139, 162) }
```


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

```
.border{ border-color:rgb(192, 139, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 139, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 139, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 139, 162); box-shadow:4px 4px 4px 4px rgb(192, 139, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4924, 32.2803, 38.4371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 139, 162) }
```

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

```
.background{ background-color: rgb(192,  
139, 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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