

Converting Colors

XYZ(36.1249, 32.1101, 33.6216)

Have a look what the booklet for
XYZ(36.1249, 32.1101, 33.6216)
contains.

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Color

**XYZ(36.0971, 32.1029,
33.5721)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8D97
RGB	189, 141, 151
RGB Percent	74%, 55%, 59%
CMY	0.2588, 0.4470, 0.4078
CMYK	0.00, 0.25, 0.20, 0.26
HSL	348°, 27%, 65%
HSV	348°, 25%, 74%
XYZ	36.0971, 32.1029, 33.5721
YIQ	156.4920, 25.3980, 13.2860

Conversions

Conversions Part 2

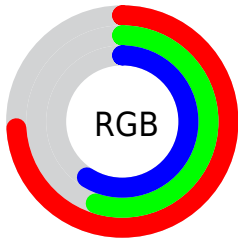
Format	Color
RYB	189, 141, 151
Decimal	12422551
CIELab	63.43, 19.73, 1.83
CIElCh	63, 19.812, 5.299
Yxy	32.1029, 0.3547, 0.3154
Android (android.graphics.Color)	4290612631 (0xFFBD8D97)
YUV	156.4920, -2.7076, 28.5095
Hunter-Lab	56.6594, 14.5664, 4.5308

Details

The XYZ color **36.0971, 32.1029, 33.5721** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3201, 45.3135, 49.4295**, and the grayscale version is **31.8243, 33.4817, 36.4615**.

A 20% lighter version of the original color is **68.5406, 63.0308, 66.3113**, and **15.9481, 13.3833, 13.7993** is the 20% darker color. If you saturate the color by 10%, you get **32.4054, 26.5423, 26.7217**, and if you desaturate by 10%, it is **40.4204, 38.6793, 41.3948**.

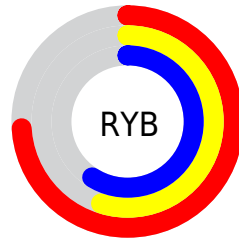
Distribution



Red (74%)

Green (55%)

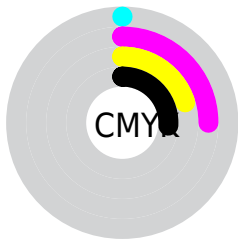
Blue (59%)



Red (74%)

Yellow (55%)

Blue (59%)

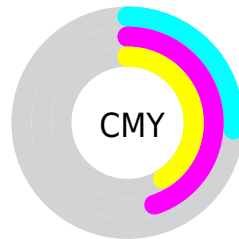


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0971, 32.1029, 33.5721 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 36.0971, 32.1029, 33.5721 by changing the saturation by 10% instead.


 36.0971, 32.1029,
33.5721


 36.0971, 32.1029,
33.5721


320.8086,
311.5877, 332.9306


 24.6797, 21.4401,
22.2904


 68.5048, 62.9724,
66.3940

 15.9660, 13.4461,
13.8701


 90.2258, 83.9478,
88.7712

 9.5908, 7.7364,
7.8926


 116.1120,
109.1296, 115.6840

 5.1887, 3.9268,
3.9395

146.5287,
138.9022, 147.5509

 2.3943, 1.6327,
1.5922

181.8414,
173.6499, 184.7905

 0.8423, 0.3795,
0.2853

222.4154,

 0.0000, 0.0000,

213.7571, 227.8212

0.0000

268.6160,
259.6083, 277.0618

■ 36.0971, 32.1029,
33.5721

■ 36.0971, 32.1029,
33.5721

■ 32.4054, 26.5423,
26.7217

■ 40.4204, 38.6793,
41.3948

■ 29.3128, 21.9424,
20.8032

■ 45.4006, 46.3141,
50.2241

■ 26.7877, 18.2498,
15.7764

■ 51.0646, 55.0528,
60.0949

■ 24.7947, 15.4039,
11.5971

■ 57.4373, 64.9370,
71.0399

■ 23.2941, 13.3369,
8.2174

■ 64.5422, 76.0061,
83.0904

■ 22.2406, 11.9701,
5.5841

■ 72.4017, 88.2977,
96.2762

■ 21.5791, 11.2071,
3.6371

■ 74.7965, 89.5589,
107.9522

■ 21.3588, 10.9678,
2.9425

Harmonies

Analogous

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



35.5828, 32.1029, 41.6850



36.0971, 32.1029, 33.5721



35.0435, 32.1029, 26.9007

Triad

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



36.0971, 32.1029, 33.5721



27.5531, 32.1029, 23.9775



28.3524, 32.1029, 50.6280

Complementary

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



36.0971, 32.1029, 33.5721



37.3201, 45.3135, 49.4295

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.



26.3906, 32.1029, 44.4742



36.0971, 32.1029, 33.5721



25.9489, 32.1029, 28.9907

Square

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



36.0971, 32.1029, 33.5721



30.0262, 32.1029, 21.9203



25.5364, 32.1029, 36.3745



31.0047, 32.1029, 52.3409

Rectangle

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



36.0971, 32.1029, 33.5721



33.6289, 32.1029, 23.9069



25.5364, 32.1029, 36.3745



27.5955, 32.1029, 48.9692

Sweetspot

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



36.0980, 32.1044, 33.5728



78.7542, 79.0174, 85.4459



37.2094, 32.2615, 52.4105



16.6403, 16.5390, 17.8524



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.



36.0980, 32.1044, 33.5728



61.1503, 52.2117, 53.6757



37.4500, 36.0530, 30.1861



9.6093, 9.5680, 10.3315



14.3937, 7.3887, 2.1011



0.5880, 0.2991, 0.2098

Inverse Universe

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



36.0980, 32.1044, 33.5728



61.1503, 52.2117, 53.6757



35.5790, 40.1539, 54.0199



9.6093, 9.5680, 10.3315



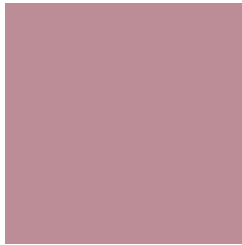
14.3937, 7.3887, 2.1011



0.5880, 0.2991, 0.2098

Previews

White Background



This preview shows how the XYZ color 36.0971, 32.1029, 33.5721 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 36.0971, 32.1029, 33.5721 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 36.0971, 32.1029, 33.5721

Background



This preview shows how black text looks on a background with the XYZ color 36.0971, 32.1029, 33.5721.



This preview shows how white text looks on a background with the XYZ color 36.0971, 32.1029,

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

36.0971, 32.1029, 33.5721

Protanopia

31.0804, 32.2197, 36.9287

Deuteranopia

32.8300, 32.2429, 33.3473



Tritanopia

36.1786, 32.1356, 34.0017

Trichromacy



Original Color

36.0971, 32.1029, 33.5721

Protanomaly

32.6002, 32.0769, 35.4836

Deuteranomaly

33.9154, 32.1069, 33.2639

Tritanomaly

36.1786, 32.1356, 34.0017

Monochromacy



Original Color

36.0971, 32.1029, 33.5721

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.0478, 32.7911, 35.1594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0971, 32.1029, 33.5721 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(189, 141, 151)` looks like.

```
.text, #text, p{  
    color:rgb(189, 141, 151)  
}
```

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(189, 141, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 141, 151) }
```

Border

The CSS property to change the border of an element to XYZ 36.0971, 32.1029, 33.5721 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(189, 141, 151) }
```


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

```
.border{ border-color:rgb(189, 141, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 141, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 141, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 141, 151);  
box-shadow:4px 4px 4px 4px rgb(189, 141,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0971, 32.1029, 33.5721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 141, 151) }
```

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

```
.background{ background-color: rgb(189,  
141, 151) }
```

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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