

Converting Colors

XYZ(32.4801, 31.0100, 33.2445)

Have a look what the booklet for
XYZ(32.4801, 31.0100, 33.2445)
contains.

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Color

**XYZ(32.4915, 30.9192,
33.1097)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9096
RGB	172, 144, 150
RGB Percent	67%, 56%, 59%
CMY	0.3255, 0.4353, 0.4118
CMYK	0.00, 0.16, 0.13, 0.33
HSL	347°, 14%, 62%
HSV	347°, 16%, 67%
XYZ	32.4915, 30.9192, 33.1097
YIQ	153.0560, 14.7620, 7.8020

Conversions

Conversions Part 2

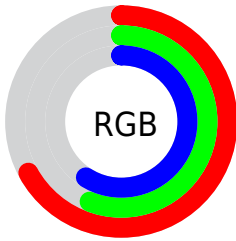
Format	Color
R_{YB}	172, 144, 150
Decimal	11309206
CIE _{Lab}	62.44, 11.51, 0.75
CIE _{LCh}	62, 11.531, 3.723
Yxy	30.9192, 0.3366, 0.3203
Android (android.graphics.Color)	4289499286 (0xFFAC9096)
YUV	153.0560, -1.5066, 16.6139
Hunter-Lab	55.6050, 6.9935, 3.6196

Details

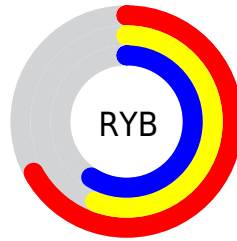
The XYZ color **32.4915, 30.9192, 33.1097** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1382, 38.1882, 41.7026**, and the grayscale version is **30.3052, 31.8834, 34.7211**.

A 20% lighter version of the original color is **63.0881, 61.2418, 65.6225**, and **13.8626, 12.8282, 13.5498** is the 20% darker color. If you saturate the color by 10%, you get **29.0560, 25.6903, 26.9011**, and if you desaturate by 10%, it is **36.4512, 36.9949, 40.1132**.

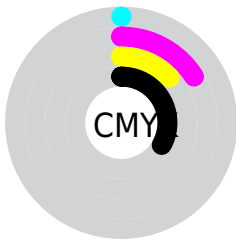
Distribution



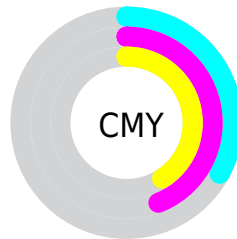
- Red (67%)
- Green (56%)
- Blue (59%)



- Red (67%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (16%)
- Yellow (13%)
- Black (33%)





- Cyan (33%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4915, 30.9192, 33.1097 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 32.4915, 30.9192, 33.1097 by changing the saturation by 10% instead.


 32.4915, 30.9192,
33.1097


 32.4915, 30.9192,
33.1097


305.0578,
306.1659, 330.7909

 21.8946, 20.5373,
21.9387

 62.9408, 61.1128,
65.6647

 13.8956, 12.7862,
13.6140


 83.5239, 81.6934,
87.8859

 8.1293, 7.2815,
7.7170


108.1664,
106.4423, 114.6274

 4.2303, 3.6388,
3.8292

137.2337,
135.7440, 146.3080

 1.8332, 1.4736,
1.5321

171.0911,
169.9827, 183.3461

 0.5376, 0.2701,
0.2417

210.1041,

 0.0000, 0.0000,

209.5431, 226.1602

0.0000

254.6378,
254.8093, 275.1690

■ 32.4915, 30.9192,
33.1097

■ 32.4915, 30.9192,
33.1097

■ 29.0560, 25.6903,
26.9011

■ 36.4512, 36.9949,
40.1132

■ 26.1199, 21.2667,
21.4571

■ 40.9534, 43.9483,
47.9365

■ 23.6604, 17.6091,
16.7482

■ 46.0185, 51.8141,
56.6058

■ 21.6518, 14.6740,
12.7425

■ 51.6652, 60.6236,
66.1457

■ 20.0657, 12.4129,
9.4054

■ 57.9114, 70.4069,
76.5796

■ 18.8708, 10.7716,
6.6995

■ 64.7741, 81.1924,
87.9301

■ 18.0309, 9.6874,
4.5832

■ 69.1955, 86.8596,
99.1943

■ 17.4985, 9.0760,
3.0083

■ 70.8233, 87.5107,
107.7662

■ 17.3448, 8.9033,
2.5416

Harmonies

Analogous

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



32.1671, 30.9192, 37.6238



32.4915, 30.9192, 33.1097



31.9602, 30.9192, 29.1077

Triad

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



32.4915, 30.9192, 33.1097



27.7499, 30.9192, 26.9994



28.0766, 30.9192, 41.9925

Complementary

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



32.4915, 30.9192, 33.1097



33.1382, 38.1882, 41.7026

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.



26.9572, 30.9192, 38.6764



32.4915, 30.9192, 33.1097



26.7733, 30.9192, 29.9955

Square

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



32.4915, 30.9192, 33.1097



29.1930, 30.9192, 25.7831



26.4883, 30.9192, 34.2280



29.5834, 30.9192, 43.0107

Rectangle

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



32.4915, 30.9192, 33.1097



31.2030, 30.9192, 27.1899



26.4883, 30.9192, 34.2280



27.6443, 30.9192, 41.0959

Sweetspot

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



32.4924, 30.9206, 33.1104



67.0450, 68.5267, 74.3770



33.1325, 31.0263, 43.2723



14.4561, 14.7163, 15.9637



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.4924, 30.9206, 33.1104



56.2889, 52.0402, 55.2980



33.2657, 33.2203, 31.0462



8.0728, 8.0424, 8.6944



12.9244, 6.6323, 1.9816



0.3791, 0.1923, 0.1583

Inverse Universe

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



32.4924, 30.9206, 33.1104



56.2889, 52.0402, 55.2980



32.2365, 35.4836, 44.1799



8.0728, 8.0424, 8.6944



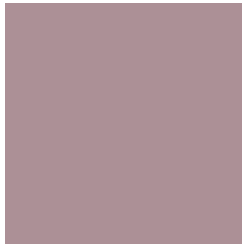
12.9244, 6.6323, 1.9816



0.3791, 0.1923, 0.1583

Previews

White Background



This preview shows how the XYZ color 32.4915, 30.9192, 33.1097 looks on a white background.

Color Contrast Check

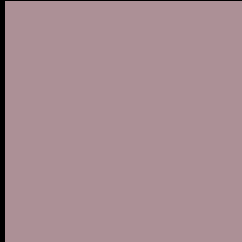
Large Text (above 18pt) WCAG AA × Fail

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 32.4915, 30.9192, 33.1097 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 32.4915, 30.9192, 33.1097

Background



This preview shows how black text looks on a background with the XYZ color 32.4915, 30.9192, 33.1097.



This preview shows how white text looks on a background with the XYZ color 32.4915, 30.9192,

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

32.4915, 30.9192, 33.1097

Protanopia

29.8760, 30.9181, 34.9650

Deuteranopia

31.5098, 30.8668, 33.1513



Tritanopia

32.8888, 30.8623, 34.7954

Trichromacy



Original Color

32.4915, 30.9192, 33.1097

Protanomaly

30.8369, 30.9533, 34.4863

Deuteranomaly

31.7789, 30.7776, 33.1199

Tritanomaly

32.8058, 30.8291, 34.3585

Monochromacy



Original Color

32.4915, 30.9192, 33.1097

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.0710, 31.5533, 34.1585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4915, 30.9192, 33.1097 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(172, 144, 150)` looks like.

```
.text, #text, p{  
    color:rgb(172, 144, 150)  
}
```

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(172, 144, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 144, 150) }
```

Border

The CSS property to change the border of an element to XYZ 32.4915, 30.9192, 33.1097 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(172, 144, 150) }
```


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

```
.border{ border-color:rgb(172, 144, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 144, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 144, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 144, 150);  
box-shadow:4px 4px 4px 4px rgb(172, 144,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4915, 30.9192, 33.1097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 144, 150) }
```

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

```
.background{ background-color: rgb(172,  
144, 150) }
```

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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