

Converting Colors

XYZ(30.9911, 30.4074, 34.0204)

Have a look what the booklet for
XYZ(30.9911, 30.4074, 34.0204)
contains.

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Color

**XYZ(30.8972, 30.3043,
33.9266)**

Conversions

Conversions Part 1

Format	Color
Hex	A39198
RGB	163, 145, 152
RGB Percent	64%, 57%, 60%
CMY	0.3608, 0.4314, 0.4039
CMYK	0.00, 0.11, 0.07, 0.36
HSL	337°, 9%, 60%
HSV	337°, 11%, 64%
XYZ	30.8972, 30.3043, 33.9266
YIQ	151.1800, 8.4810, 5.9930

Conversions

Conversions Part 2

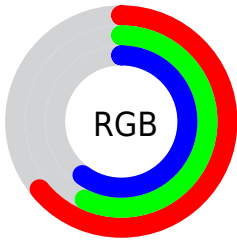
Format	Color
RYB	163, 145, 152
Decimal	10719640
CIELab	61.92, 7.95, -1.25
CIELCh	62, 8.046, 351.056
Yxy	30.3043, 0.3248, 0.3186
Android (android.graphics.Color)	4288909720 (0xFFA39198)
YUV	151.1800, 0.4043, 10.3661
Hunter-Lab	55.0493, 3.8492, 1.9944

Details

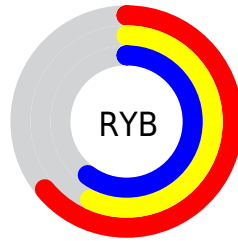
The XYZ color **30.8972, 30.3043, 33.9266** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7762, 34.6154, 36.5136**, and the grayscale version is **29.4889, 31.0247, 33.7859**.

A 20% lighter version of the original color is **60.4774, 60.2085, 66.8264**, and **12.9967, 12.5035, 14.0403** is the 20% darker color. If you saturate the color by 10%, you get **27.8011, 25.3633, 29.0365**, and if you desaturate by 10%, it is **34.4209, 35.9901, 39.2981**.

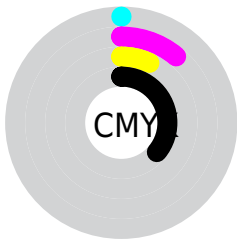
Distribution



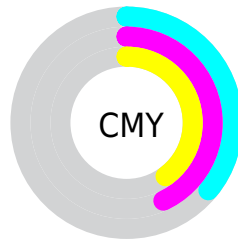
- Red (64%)
- Green (57%)
- Blue (60%)



- Red (64%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8972, 30.3043, 33.9266 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 30.8972, 30.3043, 33.9266 by changing the saturation by 10% instead.

■ 30.8972, 30.3043,
33.9266

■ 30.8972, 30.3043,
33.9266

297.8998,
303.3203, 334.5638

■ 20.6720, 20.0697,
22.5603

■ 60.4551, 60.1431,
66.9521

■ 12.9956, 12.4457,
14.0669

■ 80.5186, 80.5160,
89.4484

■ 7.5025, 7.0480,
8.0280

104.5922,
105.0372, 116.4918

■ 3.8274, 3.4921,
4.0248

133.0413,
134.0910, 148.5008

■ 1.6049, 1.3937,
1.6390

166.2313,
168.0618, 185.8939

■ 0.3956, 0.2121,
0.3184

204.5274,

■ 0.0000, 0.0000,

207.3340, 229.0898

0.0000

248.2951,
252.2921, 278.5069

■ 30.8972, 30.3043,
33.9266

■ 30.8972, 30.3043,
33.9266

■ 27.8011, 25.3633,
29.0365

■ 34.4209, 35.9901,
39.2981

■ 25.1133, 21.1323,
24.6122

■ 38.3856, 42.4458,
45.1625

■ 22.8167, 17.5792,
20.6395

■ 42.8070, 49.7004,
51.5330

■ 20.8918, 14.6684,
17.1031

■ 47.6996, 57.7800,
58.4220

■ 19.3176, 12.3607,
13.9867

■ 53.0770, 66.7096,
65.8412

■ 18.0707, 10.6126,
11.2727

■ 58.9523, 76.5131,
73.8019

■ 17.1249, 9.3748,
8.9418

■ 64.0146, 84.5667,
81.8742

■ 16.4492, 8.5890,
6.9729

■ 65.3879, 85.1160,
89.1060

■ 16.0122, 8.1497,
5.4866

■ 66.8414, 85.6974,
96.7602

Harmonies

Analogous

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



30.4437, 30.3043, 36.8651



30.8972, 30.3043, 33.9266



30.7789, 30.3043, 30.9115

Triad

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



30.8972, 30.3043, 33.9266



28.0659, 30.3043, 27.7666



27.5216, 30.3043, 37.8258

Complementary

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



30.8972, 30.3043, 33.9266



30.7762, 34.6154, 36.5136

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.



26.9142, 30.3043, 35.1726



30.8972, 30.3043, 33.9266



27.2230, 30.3043, 29.4080

Square

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



30.8972, 30.3043, 33.9266



29.1264, 30.3043, 27.4790



26.8063, 30.3043, 32.0830



28.4827, 30.3043, 39.2066

Rectangle

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



30.8972, 30.3043, 33.9266



30.3928, 30.3043, 29.2532



26.8063, 30.3043, 32.0830



27.2703, 30.3043, 37.0457

Sweetspot

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



30.8981, 30.3056, 33.9272



60.3106, 62.2943, 68.3710



30.4090, 29.9445, 38.8281



13.4306, 13.8052, 15.1821



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.8981, 30.3056, 33.9272



54.0507, 52.2150, 58.7604



30.6188, 30.6375, 31.0894



7.1825, 7.1294, 7.9472



12.4652, 6.3421, 4.3743



0.2847, 0.1424, 0.2118

Inverse Universe

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



30.8981, 30.3056, 33.9272



54.0507, 52.2150, 58.7604



31.0688, 34.2247, 39.6195



7.1825, 7.1294, 7.9472



12.4652, 6.3421, 4.3743



0.2847, 0.1424, 0.2118

Previews

White Background



This preview shows how the XYZ color 30.8972, 30.3043, 33.9266 looks on a white background.

Color Contrast Check

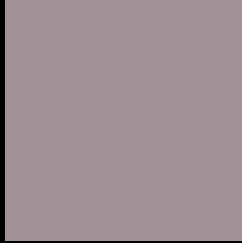
Large Text (above 18pt) WCAG AA × Fail

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 30.8972, 30.3043, 33.9266 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

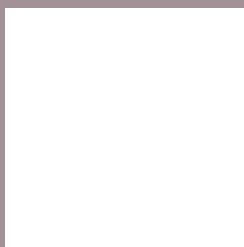
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8972, 30.3043, 33.9266

Background



This preview shows how black text looks on a background with the XYZ color 30.8972, 30.3043, 33.9266.



This preview shows how white text looks on a background with the XYZ color 30.8972, 30.3043,

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

30.8972, 30.3043, 33.9266

Protanopia

29.3427, 30.4073, 34.8945

Deuteranopia

30.8972, 30.3043, 33.9266



Tritanopia

31.2839, 30.2393, 35.6404

Trichromacy



Original Color

30.8972, 30.3043, 33.9266

Protanomaly

29.8572, 30.4483, 34.4405

Deuteranomaly

30.8972, 30.3043, 33.9266

Tritanomaly

31.1995, 30.2056, 35.1962

Monochromacy



Original Color

30.8972, 30.3043, 33.9266

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8509, 30.6978, 33.6301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8972, 30.3043, 33.9266 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(163, 145, 152)` looks like.

```
.text, #text, p{  
    color:rgb(163, 145, 152)  
}
```

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(163, 145, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 145, 152) }
```

Border

The CSS property to change the border of an element to XYZ 30.8972, 30.3043, 33.9266 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(163, 145, 152) }
```


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

```
.border{ border-color:rgb(163, 145, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 145, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 145, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 145, 152);  
box-shadow:4px 4px 4px 4px rgb(163, 145,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8972, 30.3043, 33.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 145, 152) }
```

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

```
.background{ background-color: rgb(163,  
145, 152) }
```

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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