

Converting Colors

XYZ(32.9889, 33.7670, 32.7963)

Have a look what the booklet for
XYZ(32.9889, 33.7670, 32.7963)
contains.

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Color

**XYZ(33.0030, 33.7963,
32.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	A79B94
RGB	167, 155, 148
RGB Percent	65%, 61%, 58%
CMY	0.3451, 0.3921, 0.4196
CMYK	0.00, 0.07, 0.11, 0.35
HSL	22°, 10%, 62%
HSV	22°, 11%, 65%
XYZ	33.0030, 33.7963, 32.8009
YIQ	157.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

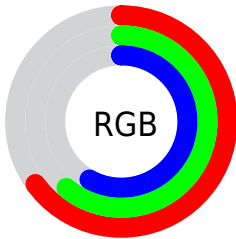
Format	Color
RYB	167, 159, 148
Decimal	10984340
CIELab	64.80, 3.15, 5.24
CIELCh	65, 6.115, 58.952
Yxy	33.7963, 0.3314, 0.3393
Android (android.graphics.Color)	4289174420 (0xFFA79B94)
YUV	157.7900, -4.8265, 8.0772
Hunter-Lab	58.1346, -0.4011, 7.2414

Details

The XYZ color **33.0030, 33.7963, 32.8009** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7585, 34.2269, 41.4922**, and the grayscale version is **32.4232, 34.1117, 37.1477**.

A 20% lighter version of the original color is **63.5853, 65.3948, 65.1483**, and **14.1782, 14.4085, 13.3431** is the 20% darker color. If you saturate the color by 10%, you get **30.0967, 29.9484, 25.7743**, and if you desaturate by 10%, it is **36.2552, 38.0300, 40.8846**.

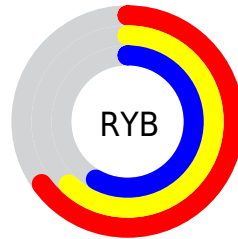
Distribution



Red (65%)

Green (61%)

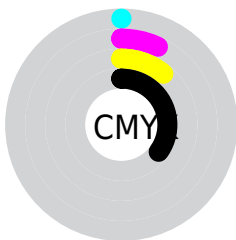
Blue (58%)



Red (65%)

Yellow (62%)

Blue (58%)

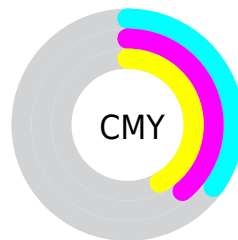


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0030, 33.7963, 32.8009 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 33.0030, 33.7963, 32.8009 by changing the saturation by 10% instead.

■ 33.0030, 33.7963,
32.8009

■ 33.0030, 33.7963,
32.8009

307.3280,
319.2228, 329.3561

■ 22.2880, 22.7372,
21.7041

■ 63.7349, 65.6168,
65.1770

■ 14.1865, 14.3995,
13.4434

■ 84.4824, 87.1469,
87.2933

■ 8.3330, 8.3991,
7.6003

109.3049,
112.9361, 113.9200

■ 4.3624, 4.3514,
3.7562

138.5676,
143.3689, 145.4754

■ 1.9091, 1.8720,
1.4926

172.6359,
178.8295, 182.3782

■ 0.5821, 0.5315,
0.2124

211.8752,

■ 0.0000, 0.0000,

219.7025, 225.0469

0.0000

256.6507,
266.3721, 273.9000

■ 33.0030, 33.7963,
32.8009

■ 33.0030, 33.7963,
32.8009

■ 30.0967, 29.9484,
25.7743

■ 36.2552, 38.0300,
40.8846

■ 27.5214, 26.4708,
19.7584

■ 39.8619, 42.6556,
50.0647

■ 25.2654, 23.3534,
14.7068

■ 43.8349, 47.6848,
60.3812

■ 23.3149, 20.5840,
10.5684

■ 48.1846, 53.1273,
71.8714

■ 21.6552, 18.1494,
7.2874

■ 52.9208, 58.9926,
84.5708

■ 20.2702, 16.0359,
4.8017

■ 58.0532, 65.2896,
98.5135

■ 19.1418, 14.2283,
3.0408

■ 61.9552, 71.3731,
105.1187

■ 18.2493, 12.7100,
1.9213

■ 64.9591, 77.3807,
106.1200

■ 17.6350, 11.6125,
1.3120

■ 68.1431, 83.7487,
107.1813

Harmonies

Analogous

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



33.6258, 33.7963, 34.5021



33.0030, 33.7963, 32.8009



32.1533, 33.7963, 32.1628

Triad

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



33.0030, 33.7963, 32.8009



30.4601, 33.7963, 36.7098



32.9484, 33.7963, 41.2037

Complementary

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



33.0030, 33.7963, 32.8009



31.7585, 34.2269, 41.4922

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.



32.0914, 33.7963, 41.8593



33.0030, 33.7963, 32.8009



30.6644, 33.7963, 39.1944

Square

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



33.0030, 33.7963, 32.8009



30.6944, 33.7963, 34.3552



31.2575, 33.7963, 41.1082



33.5939, 33.7963, 39.3548

Rectangle

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



33.0030, 33.7963, 32.8009



31.5760, 33.7963, 32.4028



31.2575, 33.7963, 41.1082



32.6750, 33.7963, 41.5746

Sweetspot

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



33.0039, 33.7978, 32.8016



63.9096, 66.7886, 70.6577



32.8748, 31.9350, 37.7048



14.1956, 14.8085, 15.5460



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.0039, 33.7978, 32.8016



57.5475, 58.4767, 54.9345



34.6412, 37.0723, 33.3474



7.7491, 7.9783, 7.9208



13.5378, 8.9729, 1.0184



0.3783, 0.3162, 0.0411

Inverse Universe

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



31.7585, 34.2269, 41.4922



54.8069, 59.4203, 74.0559



30.1799, 31.0697, 40.9660



7.5116, 8.0602, 9.5782



9.2858, 10.0317, 29.4224



0.2723, 0.3368, 0.7313

Previews

White Background



This preview shows how the XYZ color 33.0030, 33.7963, 32.8009 looks on a white background.

Color Contrast Check

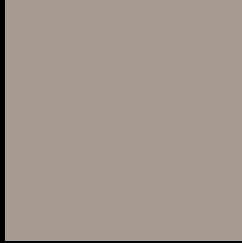
Large Text (above 18pt) WCAG AA × Fail

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 33.0030, 33.7963, 32.8009 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 33.0030, 33.7963, 32.8009

Background



This preview shows how black text looks on a background with the XYZ color 33.0030, 33.7963, 32.8009.



This preview shows how white text looks on a background with the XYZ color 33.0030, 33.7963,

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

33.0030, 33.7963, 32.8009

Protanopia

32.3821, 33.9653, 33.2830

Deuteranopia

34.5575, 33.8565, 33.1473



Tritanopia

34.4543, 33.8978, 39.8490

Trichromacy



Original Color

33.0030, 33.7963, 32.8009

Protanomaly

32.6231, 33.8394, 33.2460

Deuteranomaly

34.0496, 33.8366, 33.1703

Tritanomaly

33.8756, 33.9047, 37.1066

Monochromacy



Original Color

33.0030, 33.7963, 32.8009

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.5876, 34.0241, 35.4216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0030, 33.7963, 32.8009 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(167, 155, 148)` looks like.

```
.text, #text, p{  
    color:rgb(167, 155, 148)  
}
```

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(167, 155, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 155, 148) }
```

Border

The CSS property to change the border of an element to XYZ 33.0030, 33.7963, 32.8009 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(167, 155, 148) }
```


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

```
.border{ border-color:rgb(167, 155, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 155, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 155, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 155, 148);  
box-shadow:4px 4px 4px 4px rgb(167, 155,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0030, 33.7963, 32.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 155, 148) }
```

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

```
.background{ background-color: rgb(167,  
155, 148) }
```

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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