

Converting Colors

XYZ(33.8546, 32.5206, 27.0394)

Have a look what the booklet for
XYZ(33.8546, 32.5206, 27.0394)
contains.

XYZ(33.7929, 32.4124, 27.0294)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.7929, 32.4124,
27.0294)**

Conversions

Conversions Part 1

Format	Color
Hex	B59386
RGB	181, 147, 134
RGB Percent	71%, 58%, 53%
CMY	0.2902, 0.4235, 0.4745
CMYK	0.00, 0.19, 0.26, 0.29
HSL	17°, 24%, 62%
HSV	17°, 26%, 71%
XYZ	33.7929, 32.4124, 27.0294
YIQ	155.6840, 24.4370, 3.1650

Conversions

Conversions Part 2

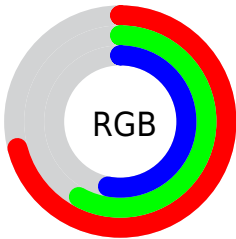
Format	Color
RYB	181, 152, 134
Decimal	11899782
CIELab	63.68, 10.76, 11.69
CIELCh	64, 15.883, 47.376
Yxy	32.4124, 0.3624, 0.3476
Android (android.graphics.Color)	4290089862 (0xFFB59386)
YUV	155.6840, -10.6902, 22.2021
Hunter-Lab	56.9319, 6.3209, 11.7034

Details

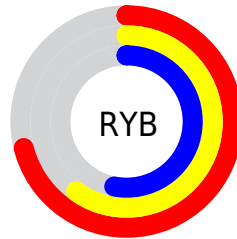
The XYZ color **33.7929, 32.4124, 27.0294** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.1744, 36.4090, 49.0483**, and the grayscale version is **31.4983, 33.1387, 36.0880**.

A 20% lighter version of the original color is **64.7813, 63.3657, 55.8302**, and **14.5355, 13.5179, 10.2306** is the 20% darker color. If you saturate the color by 10%, you get **30.7158, 28.1084, 20.2994**, and if you desaturate by 10%, it is **37.3196, 37.2693, 34.9760**.

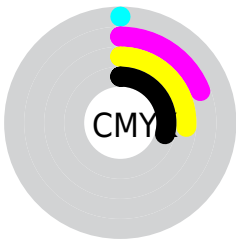
Distribution



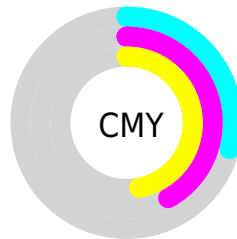
- Red (71%)
- Green (58%)
- Blue (53%)



- Red (71%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (29%)





- Cyan (29%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.7929, 32.4124, 27.0294 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 33.7929, 32.4124, 27.0294 by changing the saturation by 10% instead.


 33.7929, 32.4124,
27.0294


 33.7929, 32.4124,
27.0294


310.8098,
312.9936, 301.5641


 22.8967, 21.6767,
17.3627


 64.9579, 63.4570,
55.9354

 14.6375, 13.6195,
10.3287


 85.9574, 84.5348,
76.0117

 8.6500, 7.8565,
5.5090


 111.0554,
109.8286, 100.3949

 4.5689, 4.0033,
2.4850

140.6172,
139.7230, 129.5036

 2.0287, 1.6754,
0.8322

175.0082,
174.6023, 163.7564

 0.6500, 0.4077,
0.0000

214.5937,

 0.0000, 0.0000,

214.8509, 203.5717

0.0000

259.7391,
260.8532, 249.3681

■ 33.7929, 32.4124,
27.0294

■ 33.7929, 32.4124,
27.0294

■ 30.7158, 28.1084,
20.2994

■ 37.3196, 37.2693,
34.9760

■ 28.0669, 24.3329,
14.7235

■ 41.3108, 42.6935,
44.1935

■ 25.8270, 21.0663,
10.2366

■ 45.7841, 48.7042,
54.7352

■ 23.9742, 18.2861,
6.7662

■ 50.7552, 55.3187,
66.6510

■ 22.4844, 15.9678,
4.2310

■ 56.2391, 62.5533,
79.9880

■ 21.3305, 14.0847,
2.5369

■ 62.2502, 70.4238,
94.7911

■ 20.4794, 12.6063,
1.5635

■ 67.8706, 78.5727,
106.1966

■ 20.2001, 12.1116,
1.2731

■ 71.8361, 86.5036,
107.5184

■ 72.8662, 88.5638,
107.8618

Harmonies

Analogous

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



35.0687, 32.4124, 31.7609



33.7929, 32.4124, 27.0294



31.7506, 32.4124, 24.6439

Triad

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



33.7929, 32.4124, 27.0294



26.8217, 32.4124, 32.6834



32.1011, 32.4124, 48.3098

Complementary

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



33.7929, 32.4124, 27.0294



32.1744, 36.4090, 49.0483

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.



29.8823, 32.4124, 48.6343



33.7929, 32.4124, 27.0294



26.9054, 32.4124, 39.0747

Square

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



33.7929, 32.4124, 27.0294



27.7679, 32.4124, 27.6346



28.0024, 32.4124, 45.0862



34.0601, 32.4124, 44.2466

Rectangle

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



33.7929, 32.4124, 27.0294



30.2616, 32.4124, 24.4911



28.0024, 32.4124, 45.0862



31.3590, 32.4124, 48.8758

Sweetspot

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



33.7938, 32.4139, 27.0301



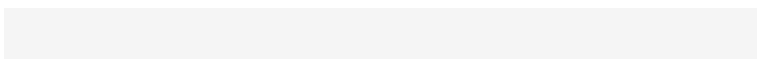
72.3649, 74.2692, 75.3733



34.6930, 29.7190, 41.1823



15.4047, 15.7323, 15.7434



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.7938, 32.4139, 27.0301



57.3663, 53.6521, 41.4561



37.7405, 40.3073, 28.3456



8.6814, 8.8753, 8.9081



13.9766, 8.4517, 0.8947



0.4899, 0.3662, 0.0449

Inverse Universe

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



32.1744, 36.4090, 49.0483



53.9804, 61.9793, 87.4127



28.2927, 28.6456, 47.7544



8.5399, 9.2261, 10.8370



11.3983, 13.5969, 32.1607



0.4045, 0.5195, 1.0272

Previews

White Background



This preview shows how the XYZ color 33.7929, 32.4124, 27.0294 looks on a white background.

Color Contrast Check

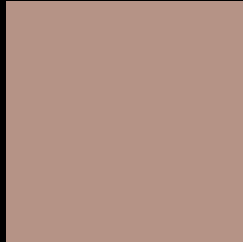
Large Text (above 18pt) WCAG AA × Fail

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 33.7929, 32.4124, 27.0294 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 33.7929, 32.4124, 27.0294

Background



This preview shows how black text looks on a background with the XYZ color 33.7929, 32.4124, 27.0294.



This preview shows how white text looks on a background with the XYZ color 33.7929, 32.4124,

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

33.7929, 32.4124, 27.0294

Protanopia

30.8410, 32.5232, 28.6969

Deuteranopia

33.1820, 32.5632, 27.0907



Tritanopia

35.4181, 32.3804, 35.3936

Trichromacy



Original Color

33.7929, 32.4124, 27.0294

Protanomaly

31.7304, 32.2642, 28.2221

Deuteranomaly

33.2531, 32.3660, 27.0489

Tritanomaly

34.6833, 32.3025, 32.0108

Monochromacy



Original Color

33.7929, 32.4124, 27.0294

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.2536, 32.9199, 32.6712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7929, 32.4124, 27.0294 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(181, 147, 134)` looks like.

```
.text, #text, p{  
    color:rgb(181, 147, 134)  
}
```

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(181, 147, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 147, 134) }
```

Border

The CSS property to change the border of an element to XYZ 33.7929, 32.4124, 27.0294 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(181, 147, 134) }
```


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

```
.border{ border-color:rgb(181, 147, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 147, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 147, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 147, 134);  
box-shadow:4px 4px 4px 4px rgb(181, 147,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7929, 32.4124, 27.0294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 147, 134) }
```

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

```
.background{ background-color: rgb(181,  
147, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor