

Converting Colors

XYZ(32.9349, 31.4807, 27.7087)

Have a look what the booklet for
XYZ(32.9349, 31.4807, 27.7087)
contains.

XYZ(32.9294, 31.4933, 27.6358)	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(32.9294, 31.4933,
27.6358)**

Conversions

Conversions Part 1

Format	Color
Hex	B29188
RGB	178, 145, 136
RGB Percent	70%, 57%, 53%
CMY	0.3020, 0.4314, 0.4667
CMYK	0.00, 0.19, 0.24, 0.30
HSL	13°, 21%, 62%
HSV	13°, 24%, 70%
XYZ	32.9294, 31.4933, 27.6358
YIQ	153.8410, 22.5570, 4.1970

Conversions

Conversions Part 2

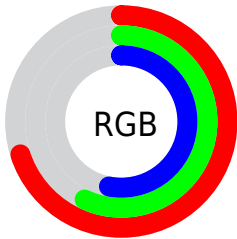
Format	Color
RYB	178, 147, 136
Decimal	11702664
CIELab	62.92, 10.99, 9.44
CIELCh	63, 14.490, 40.669
Yxy	31.4933, 0.3577, 0.3421
Android (android.graphics.Color)	4289892744 (0xFFB29188)
YUV	153.8410, -8.7956, 21.1874
Hunter-Lab	56.1189, 6.5320, 10.0858

Details

The XYZ color **32.9294, 31.4933, 27.6358** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.3769, 36.8236, 47.5209**, and the grayscale version is **30.6765, 32.2741, 35.1465**.

A 20% lighter version of the original color is **63.5404, 62.0134, 56.7650**, and **14.2294, 13.2163, 10.6051** is the 20% darker color. If you saturate the color by 10%, you get **29.7611, 27.0158, 20.8482**, and if you desaturate by 10%, it is **36.5725, 36.5839, 35.6189**.

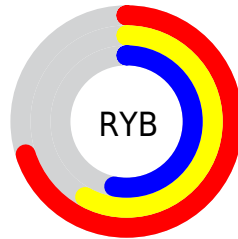
Distribution



Red (70%)

Green (57%)

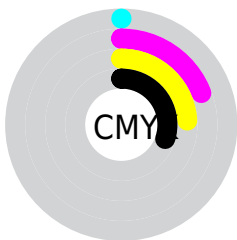
Blue (53%)



Red (70%)

Yellow (58%)

Blue (53%)

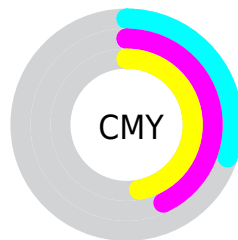


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (30%)



Cyan (30%)


Magenta (43%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9294, 31.4933, 27.6358 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 32.9294, 31.4933, 27.6358 by changing the saturation by 10% instead.


 32.9294, 31.4933,
27.6358


 32.9294, 31.4933,
27.6358


307.0021,
308.8046, 304.5795


 22.2313, 20.9748,
17.8147


 63.6207, 62.0159,
56.9185

 14.1445, 13.1056,
10.6489


 84.3447, 82.7888,
77.2172

 8.3036, 7.5013,
5.7201


 109.1413,
107.7485, 101.8455

 4.3433, 3.7775,
2.6096

138.3760,
137.2795, 131.2219

 1.8981, 1.5499,
0.8974

172.4140,
171.7663, 165.7649

 0.5757, 0.3235,
0.0000

211.6208,

 0.0000, 0.0000,

211.5931, 205.8932

0.0000

256.3617,
257.1444, 252.0252

■ 32.9294, 31.4933,
27.6358

■ 32.9294, 31.4933,
27.6358

■ 29.7611, 27.0158,
20.8482

■ 36.5725, 36.5839,
35.6189

■ 27.0453, 23.1238,
15.1965

■ 40.7067, 42.3050,
44.8494

■ 24.7615, 19.7941,
10.6187

■ 45.3504, 48.6791,
55.3786

■ 22.8865, 17.0003,
7.0460

■ 50.5203, 55.7259,
67.2540

■ 21.3950, 14.7136,
4.4018

■ 56.2325, 63.4645,
80.5212

■ 20.2584, 12.9027,
2.5982

■ 62.5023, 71.9130,
95.2232

■ 19.4440, 11.5323,
1.5301

■ 68.4292, 80.7231,
106.5823

■ 19.0583, 10.8613,
1.0920

■ 72.1702, 88.2050,
107.8292

Harmonies

Analogous

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



33.8519, 31.4933, 32.3024



32.9294, 31.4933, 27.6358



31.2175, 31.4933, 24.9578

Triad

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



32.9294, 31.4933, 27.6358



26.4672, 31.4933, 30.7910



30.6472, 31.4933, 46.2219

Complementary

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



32.9294, 31.4933, 27.6358



32.3769, 36.8236, 47.5209

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.



28.6850, 31.4933, 45.7014



32.9294, 31.4933, 27.6358



26.3297, 31.4933, 36.3592

Square

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



32.9294, 31.4933, 27.6358



27.5093, 31.4933, 26.6350



27.1249, 31.4933, 41.9367



32.4960, 31.4933, 43.2889

Rectangle

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



32.9294, 31.4933, 27.6358



29.8888, 31.4933, 24.4620



27.1249, 31.4933, 41.9367



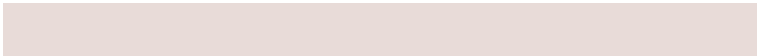
29.9781, 31.4933, 46.4525

Sweetspot

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



32.9302, 31.4947, 27.6365



71.0715, 72.9258, 75.1649



34.3824, 29.9608, 41.8032



15.6469, 16.0199, 16.4314



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.



32.9302, 31.4947, 27.6365



56.8018, 53.0065, 43.8336



36.3317, 38.2976, 28.7703



8.6392, 8.7908, 8.8940



13.6751, 7.8488, 0.7942



0.4727, 0.3317, 0.0391

Inverse Universe

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



32.3769, 36.8236, 47.5209



55.6280, 64.2588, 85.8525



28.8738, 29.8175, 46.3532



8.5850, 9.3162, 10.8521



12.4906, 15.7815, 32.5248



0.4317, 0.5739, 1.0363

Previews

White Background



This preview shows how the XYZ color 32.9294, 31.4933, 27.6358 looks on a white background.

Color Contrast Check

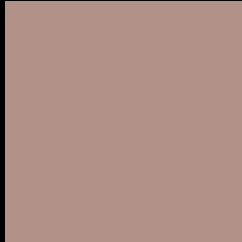
Large Text (above 18pt) WCAG AA × Fail

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 32.9294, 31.4933, 27.6358 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 32.9294, 31.4933, 27.6358

Background



This preview shows how black text looks on a background with the XYZ color 32.9294, 31.4933, 27.6358.



This preview shows how white text looks on a background with the XYZ color 32.9294, 31.4933,

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

32.9294, 31.4933, 27.6358

Protanopia

30.0624, 31.6190, 29.3296

Deuteranopia

32.1112, 31.5292, 27.6859



Tritanopia

34.2452, 31.3492, 34.3831

Trichromacy



Original Color

32.9294, 31.4933, 27.6358

Protanomaly

30.9247, 31.3583, 28.8489

Deuteranomaly

32.4020, 31.4493, 27.6551

Tritanomaly

33.6793, 31.3352, 31.8770

Monochromacy



Original Color

32.9294, 31.4933, 27.6358

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.4373, 32.0263, 32.1285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9294, 31.4933, 27.6358 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(178, 145, 136)` looks like.

```
.text, #text, p{  
    color:rgb(178, 145, 136)  
}
```

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(178, 145, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 145, 136) }
```

Border

The CSS property to change the border of an element to XYZ 32.9294, 31.4933, 27.6358 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(178, 145, 136) }
```


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

```
.border{ border-color:rgb(178, 145, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 145, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 145, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 145, 136);  
box-shadow:4px 4px 4px 4px rgb(178, 145,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9294, 31.4933, 27.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 145, 136) }
```

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

```
.background{ background-color: rgb(178,  
145, 136) }
```

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