

Converting Colors

XYZ(30.8878, 34.4429, 31.1462)

Have a look what the booklet for
XYZ(30.8878, 34.4429, 31.1462)
contains.

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Color

**XYZ(30.8272, 34.4992,
31.0209)**

Conversions

Conversions Part 1

Format	Color
Hex	98A28F
RGB	152, 162, 143
RGB Percent	60%, 64%, 56%
CMY	0.4039, 0.3647, 0.4392
CMYK	0.06, 0.00, 0.12, 0.36
HSL	92°, 9%, 60%
HSV	92°, 12%, 64%
XYZ	30.8272, 34.4992, 31.0209
YIQ	156.8440, 0.1390, -8.0290

Conversions

Conversions Part 2

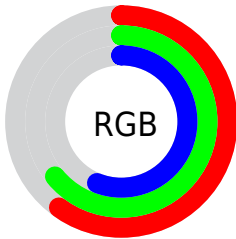
Format	Color
RYB	143, 162, 153
Decimal	10003087
CIELab	65.36, -7.14, 8.67
CIELCh	65, 11.233, 129.489
Yxy	34.4992, 0.3200, 0.3581
Android (android.graphics.Color)	4288193167 (0xFF98A28F)
YUV	156.8440, -6.8251, -4.2482
Hunter-Lab	58.7360, -9.1035, 9.8017

Details

The XYZ color **30.8272, 34.4992, 31.0209** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4822, 29.0268, 38.2330**, and the grayscale version is **32.0082, 33.6751, 36.6722**.

A 20% lighter version of the original color is **60.3445, 66.7787, 62.5324**, and **12.9185, 14.7089, 12.5141** is the 20% darker color. If you saturate the color by 10%, you get **28.1487, 33.2511, 24.9453**, and if you desaturate by 10%, it is **33.7997, 35.8804, 38.0369**.

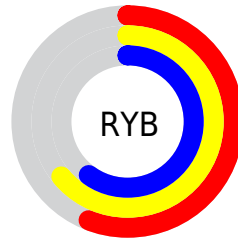
Distribution



Red (60%)

Green (64%)

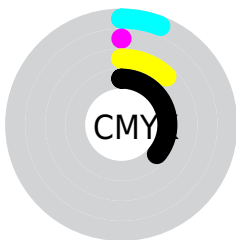
Blue (56%)



Red (56%)

Yellow (64%)

Blue (60%)

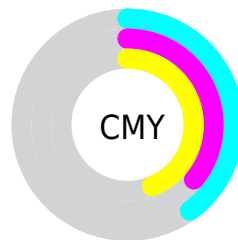


Cyan (6%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (40%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8272, 34.4992, 31.0209 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 30.8272, 34.4992, 31.0209 by changing the saturation by 10% instead.

■ 30.8272, 34.4992,
31.0209

■ 30.8272, 34.4992,
31.0209

297.5826,
322.3523, 320.9888

■ 20.6185, 23.2774,
20.3562

■ 60.3456, 66.7092,
62.3529

■ 12.9563, 14.7984,
12.4676

■ 80.3860, 88.4662,
83.8573

■ 7.4752, 8.6780,
6.9366

104.4343,
114.5037, 109.8120

■ 3.8100, 4.5318,
3.3446

132.8560,
145.2060, 140.6355

■ 1.5952, 1.9753,
1.2732

166.0163,
180.9577, 176.7464

■ 0.3893, 0.5930,
0.0397

204.2805,

■ 0.0000, 0.0000,

222.1430, 218.5632

0.0000

248.0142,
269.1464, 266.5045

■ 30.8272, 34.4992,
31.0209

■ 30.8272, 34.4992,
31.0209

■ 28.1487, 33.2511,
24.9453

■ 33.7997, 35.8804,
38.0369

■ 25.7513, 32.1273,
19.7679

■ 37.0727, 37.3942,
46.0287

■ 23.6254, 31.1248,
15.4466

■ 40.6562, 39.0460,
55.0324

■ 21.7597, 30.2388,
11.9352

■ 44.5587, 40.8394,
65.0817

■ 20.1419, 29.4641,
9.1829

■ 48.7885, 42.7780,
76.2089

■ 18.7586, 28.7949,
7.1333

■ 53.3535, 44.8653,
88.4446

■ 17.5947, 28.2249,
5.7222

■ 58.0343, 47.0136,
100.6235

■ 16.6328, 27.7468,
4.8734

■ 60.5534, 48.3122,
100.7414

■ 15.9596, 27.4084,
4.4492

■ 63.2042, 49.6788,
100.8655

Harmonies

Analogous

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



32.2737, 34.4992, 29.3476



30.8272, 34.4992, 31.0209



29.9269, 34.4992, 34.4897

Triad

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



30.8272, 34.4992, 31.0209



31.6987, 34.4992, 46.6656



35.9975, 34.4992, 36.0956

Complementary

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



30.8272, 34.4992, 31.0209



29.4822, 29.0268, 38.2330

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.



35.8311, 34.4992, 40.8153



30.8272, 34.4992, 31.0209



33.3127, 34.4992, 47.1860

Square

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



30.8272, 34.4992, 31.0209



30.4183, 34.4992, 43.5997



34.8353, 34.4992, 44.9674



35.2828, 34.4992, 32.1123

Rectangle

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



30.8272, 34.4992, 31.0209



29.7394, 34.4992, 37.4833



34.8353, 34.4992, 44.9674



36.0433, 34.4992, 37.6443

Sweetspot

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



30.8281, 34.5007, 31.0216



60.0438, 64.5260, 65.9051



31.2207, 32.3883, 30.5932



13.3954, 14.4504, 14.5874



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.



30.8281, 34.5007, 31.0216



54.6802, 62.0332, 53.3579



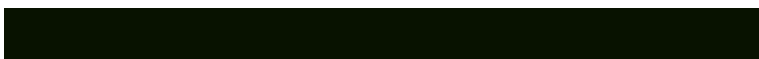
29.2310, 33.6746, 31.0723



7.2897, 8.0518, 7.5500



12.6219, 21.6173, 3.5073



0.3197, 0.4823, 0.0762

Inverse Universe

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



29.4822, 29.0268, 38.2330



51.7591, 50.1532, 69.0087



31.2175, 29.9246, 38.1674



7.0396, 7.0348, 8.8899



8.1590, 3.6126, 27.1971



0.2256, 0.1038, 0.5740

Previews

White Background



This preview shows how the XYZ color 30.8272, 34.4992, 31.0209 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 30.8272, 34.4992, 31.0209 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 30.8272, 34.4992, 31.0209

Background



This preview shows how black text looks on a background with the XYZ color 30.8272, 34.4992, 31.0209.



This preview shows how white text looks on a background with the XYZ color 30.8272, 34.4992,

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

30.8272, 34.4992, 31.0209

Protanopia

32.5516, 34.3761, 30.1189

Deuteranopia

35.0925, 34.4105, 31.5804



Tritanopia

33.2878, 34.4619, 43.4254

Trichromacy



Original Color

30.8272, 34.4992, 31.0209

Protanomaly

31.7778, 34.2229, 30.5220

Deuteranomaly

33.2847, 34.2256, 31.2375

Tritanomaly

32.3487, 34.3380, 38.6412

Monochromacy



Original Color

30.8272, 34.4992, 31.0209

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.5832, 34.0318, 34.6100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8272, 34.4992, 31.0209 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(152, 162, 143)` looks like.

```
.text, #text, p{  
    color:rgb(152, 162, 143)  
}
```

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(152, 162, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 162, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.8272, 34.4992, 31.0209 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(152, 162, 143) }
```


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

```
.border{ border-color:rgb(152, 162, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 162, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 162, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 162, 143);  
box-shadow:4px 4px 4px 4px rgb(152, 162,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8272, 34.4992, 31.0209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 162, 143) }
```

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

```
.background{ background-color: rgb(152,  
162, 143) }
```

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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