

Converting Colors

XYZ(31.4294, 33.0472, 29.9215)

Have a look what the booklet for
XYZ(31.4294, 33.0472, 29.9215)
contains.

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Color

**XYZ(31.4294, 33.0472,
29.9215)**

Conversions

Conversions Part 1

Format	Color
Hex	A29B8D
RGB	162, 155, 141
RGB Percent	64%, 61%, 55%
CMY	0.3647, 0.3921, 0.4471
CMYK	0.00, 0.04, 0.13, 0.36
HSL	40°, 10%, 59%
HSV	40°, 13%, 64%
XYZ	31.4294, 33.0472, 29.9215
YIQ	155.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

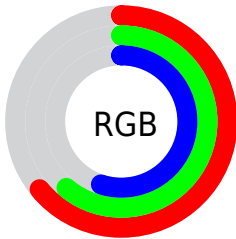
Format	Color
RYB	152, 162, 141
Decimal	10656653
CIELab	64.20, 0.07, 8.25
CIElCh	64, 8.246, 89.515
Yxy	33.0472, 0.3329, 0.3501
Android (android.graphics.Color)	4288846733 (0xFFA29B8D)
YUV	155.4970, -7.1470, 5.7031
Hunter-Lab	57.4867, -3.0113, 9.3806

Details

The XYZ color **31.4294, 33.0472, 29.9215** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.0959, 29.4506, 38.3865**, and the grayscale version is **31.4049, 33.0404, 35.9810**.

A 20% lighter version of the original color is **61.2661, 64.2928, 60.8104**, and **13.2690, 13.9710, 11.8948** is the 20% darker color. If you saturate the color by 10%, you get **29.4331, 30.8444, 23.7377**, and if you desaturate by 10%, it is **33.6440, 35.4038, 37.0488**.

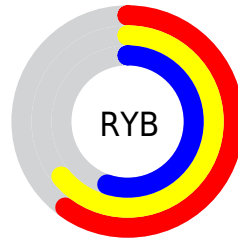
Distribution



Red (64%)

Green (61%)

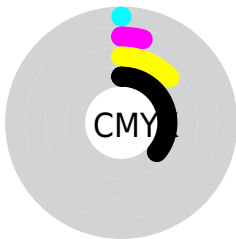
Blue (55%)



Red (60%)

Yellow (64%)

Blue (55%)

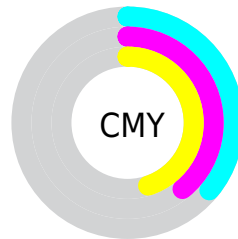


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (36%)



Cyan (36%)

Magenta (39%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4294, 33.0472, 29.9215 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 31.4294, 33.0472, 29.9215 by changing the saturation by 10% instead.

■ 31.4294, 33.0472,
29.9215

■ 31.4294, 33.0472,
29.9215

300.3034,
315.8624, 315.7343

■ 21.0795, 22.1626,
19.5275

■ 61.2867, 64.4492,
60.5976

■ 13.2949, 13.9764,
11.8714

■ 81.5249, 85.7354,
81.7166

■ 7.7103, 8.1043,
6.5347

■ 105.7898,
111.2576, 107.2478

■ 3.9604, 4.1617,
3.0988

134.4468,
141.4002, 137.6097

■ 1.6798, 1.7644,
1.1453

167.8613,
176.5476, 173.2207

■ 0.4435, 0.4649,
0.0000

206.3987,

■ 0.0000, 0.0000,

217.0841, 214.4995

0.0000

250.4243,
263.3943, 261.8645

■ 31.4294, 33.0472,
29.9215

■ 31.4294, 33.0472,
29.9215

■ 29.4331, 30.8444,
23.7377

■ 33.6440, 35.4038,
37.0488

■ 27.6443, 28.7869,
18.4550

■ 36.0819, 37.9137,
45.1554

■ 26.0551, 26.8719,
14.0309

■ 38.7513, 40.5820,
54.2778

■ 24.6563, 25.0947,
10.4184

■ 41.6591, 43.4123,
64.4499

■ 23.4374, 23.4503,
7.5661

■ 44.8118, 46.4081,
75.7041

■ 22.3871, 21.9333,
5.4169

■ 48.2158, 49.5725,
88.0715

■ 21.4924, 20.5376,
3.9051

■ 51.8772, 52.9088,
101.5818

■ 20.7379, 19.2560,
2.9527

■ 53.1868, 55.3741,
102.4928

■ 20.2657, 18.4119,
2.4857

■ 54.4441, 57.8888,
102.9119

Harmonies

Analogous

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



32.5646, 33.0472, 30.7152



31.4294, 33.0472, 29.9215



30.3159, 33.0472, 30.6662

Triad

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



31.4294, 33.0472, 29.9215



29.4945, 33.0472, 39.2485



33.3876, 33.0472, 39.3486

Complementary

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



31.4294, 33.0472, 29.9215



28.0959, 29.4506, 38.3865

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.



32.5309, 33.0472, 41.8809



31.4294, 33.0472, 29.9215



30.2837, 33.0472, 41.8206

Square

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



31.4294, 33.0472, 29.9215



29.2158, 33.0472, 35.9283



31.3914, 33.0472, 42.8119



33.7122, 33.0472, 36.0373

Rectangle

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



31.4294, 33.0472, 29.9215



29.7315, 33.0472, 31.9628



31.3914, 33.0472, 42.8119



33.1513, 33.0472, 40.3264

Sweetspot

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



31.4303, 33.0487, 29.9222



60.6106, 63.7829, 65.7317



29.7709, 28.8697, 32.0207



13.5449, 14.2539, 14.5415



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.



31.4303, 33.0487, 29.9222



55.8044, 58.6297, 50.3824



31.9276, 35.0841, 30.2889



7.4497, 7.8377, 7.5003



16.0063, 14.5866, 1.9719



0.3770, 0.3877, 0.0550

Inverse Universe

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



28.0959, 29.4506, 38.3865



48.3630, 50.6003, 69.2740



27.6360, 27.6333, 38.0600



6.8843, 7.2276, 8.9353



6.2124, 4.2042, 27.4138



0.1725, 0.1723, 0.5900

Previews

White Background



This preview shows how the XYZ color 31.4294, 33.0472, 29.9215 looks on a white background.

Color Contrast Check

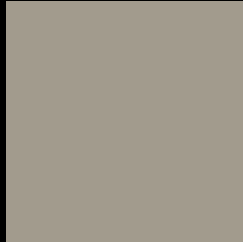
Large Text (above 18pt) WCAG AA × Fail

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 31.4294, 33.0472, 29.9215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

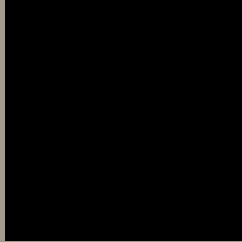
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.4294, 33.0472, 29.9215

Background



This preview shows how black text looks on a background with the XYZ color 31.4294, 33.0472, 29.9215.



This preview shows how white text looks on a background with the XYZ color 31.4294, 33.0472,

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

31.4294, 33.0472, 29.9215

Protanopia

31.4294, 33.0472, 29.9215

Deuteranopia

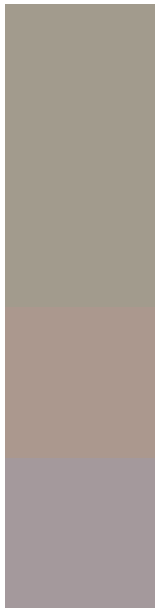
33.6933, 32.9958, 30.1842



Tritanopia

33.4461, 33.1361, 39.7551

Trichromacy



Original Color

31.4294, 33.0472, 29.9215

Protanomaly

31.4294, 33.0472, 29.9215

Deuteranomaly

32.9053, 33.0674, 30.2395

Tritanomaly

32.7018, 33.0753, 36.1131

Monochromacy



Original Color

31.4294, 33.0472, 29.9215

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.3269, 32.9138, 33.5561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4294, 33.0472, 29.9215 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(162, 155, 141)` looks like.

```
.text, #text, p{  
    color:rgb(162, 155, 141)  
}
```

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(162, 155, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 155, 141) }
```

Border

The CSS property to change the border of an element to XYZ 31.4294, 33.0472, 29.9215 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(162, 155, 141) }
```


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

```
.border{ border-color:rgb(162, 155, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 155, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 155, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 155, 141);  
box-shadow:4px 4px 4px 4px rgb(162, 155,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4294, 33.0472, 29.9215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 155, 141) }
```

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

```
.background{ background-color: rgb(162,  
155, 141) }
```

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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