

Converting Colors

XYZ(32.2629, 33.1219, 23.7615)

Have a look what the booklet for
XYZ(32.2629, 33.1219, 23.7615)
contains.

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Color

**XYZ(32.2629, 33.1219,
23.7615)**

Conversions

Conversions Part 1

Format	Color
Hex	AD997C
RGB	173, 153, 124
RGB Percent	68%, 60%, 49%
CMY	0.3216, 0.4000, 0.5137
CMYK	0.00, 0.12, 0.28, 0.32
HSL	36°, 23%, 58%
HSV	36°, 28%, 68%
XYZ	32.2629, 33.1219, 23.7615
YIQ	155.6740, 21.2290, -4.7790

Conversions

Conversions Part 2

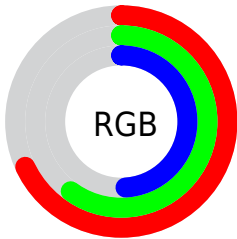
Format	Color
RYB	158, 173, 124
Decimal	11377020
CIELab	64.26, 2.84, 17.97
CIELCh	64, 18.190, 81.020
Yxy	33.1219, 0.3619, 0.3715
Android (android.graphics.Color)	4289567100 (0xFFAD997C)
YUV	155.6740, -15.6153, 15.1949
Hunter-Lab	57.5516, -0.6499, 15.8069

Details

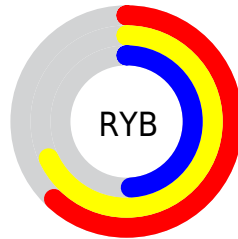
The XYZ color **32.2629, 33.1219, 23.7615** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.8281, 27.2480, 43.4334**, and the grayscale version is **31.5161, 33.1574, 36.1084**.

A 20% lighter version of the original color is **62.5617, 64.4580, 50.7393**, and **13.7671, 14.0038, 8.6340** is the 20% darker color. If you saturate the color by 10%, you get **30.1421, 30.4801, 18.1223**, and if you desaturate by 10%, it is **34.6458, 35.9802, 30.4359**.

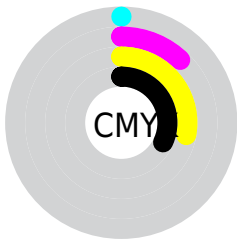
Distribution



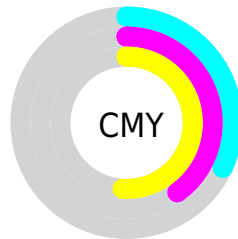
- Red (68%)
- Green (60%)
- Blue (49%)



- Red (62%)
- Yellow (68%)
- Blue (49%)



- Cyan (0%)
- Magenta (12%)
- Yellow (28%)
- Black (32%)



- Cyan (32%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2629, 33.1219, 23.7615 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 32.2629, 33.1219, 23.7615 by changing the saturation by 10% instead.

■ 32.2629, 33.1219,
23.7615

■ 32.2629, 33.1219,
23.7615

304.0392,
316.1987, 284.8601

■ 21.7189, 22.2198,
14.9462

■ 62.5854, 64.5658,
50.5797

■ 13.7659, 14.0185,
8.6355

■ 83.0947, 85.8764,
69.4196

■ 8.0387, 8.1336,
4.4106

■ 107.6564,
111.4254, 92.4383

■ 4.1717, 4.1805,
1.8532

136.6359,
141.5970, 120.0541

■ 1.7997, 1.7751,
0.4627

170.3985,
176.7758, 152.6856

■ 0.5175, 0.4716,
0.0000

209.3098,

■ 0.0000, 0.0000,

217.3461, 190.7515

0.0000

253.7348,
263.6922, 234.6701

■ 32.2629, 33.1219,
23.7615

■ 32.2629, 33.1219,
23.7615

■ 30.1421, 30.4801,
18.1223

■ 34.6458, 35.9802,
30.4359

■ 28.2696, 28.0441,
13.4628

■ 37.2986, 39.0566,
38.1927

■ 26.6341, 25.8084,
9.7260

■ 40.2320, 42.3583,
47.0787

■ 25.2223, 23.7658,
6.8474

■ 43.4554, 45.8907,
57.1374

■ 24.0192, 21.9084,
4.7546

■ 46.9774, 49.6590,
68.4100

■ 23.0074, 20.2269,
3.3628

■ 50.8065, 53.6683,
80.9356

■ 22.1581, 18.7078,
2.5264

■ 54.9508, 57.9234,
94.7516

■ 22.0245, 18.4659,
2.4035

■ 58.2031, 61.9431,
103.4963

■ 59.9792, 65.4953,
104.0884

Harmonies

Analogous

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



34.7096, 33.1219, 26.0997



32.2629, 33.1219, 23.7615



29.7335, 33.1219, 24.3509

Triad

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



32.2629, 33.1219, 23.7615



27.0697, 33.1219, 41.4097



35.5016, 33.1219, 45.7706

Complementary

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



32.2629, 33.1219, 23.7615



25.8281, 27.2480, 43.4334

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.



33.2964, 33.1219, 51.0353



32.2629, 33.1219, 23.7615



28.4597, 33.1219, 48.2879

Square

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



32.2629, 33.1219, 23.7615



26.8267, 33.1219, 33.8894



30.7126, 33.1219, 52.0146



36.6455, 33.1219, 38.3299

Rectangle

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



32.2629, 33.1219, 23.7615



28.3333, 33.1219, 26.3629



30.7126, 33.1219, 52.0146



34.8543, 33.1219, 47.8937

Sweetspot

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



32.2638, 33.1234, 23.7622



66.8916, 70.0532, 68.6743



29.5075, 25.3263, 29.8864



14.3783, 15.0425, 14.4525



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.2638, 33.1234, 23.7622



55.3466, 56.3096, 36.0119



34.9262, 39.7684, 24.9045



8.3844, 8.7736, 8.4649



16.2374, 13.6803, 1.7848



0.5037, 0.4846, 0.0670

Inverse Universe

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



25.8281, 27.2480, 43.4334



41.9086, 44.0455, 77.0986



23.6655, 22.0285, 42.5400



7.8372, 8.2739, 10.1366



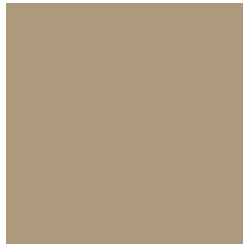
7.2314, 5.5966, 29.7436



0.2558, 0.2650, 0.8456

Previews

White Background



This preview shows how the XYZ color 32.2629, 33.1219, 23.7615 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 32.2629, 33.1219, 23.7615 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 32.2629, 33.1219, 23.7615

Background



This preview shows how black text looks on a background with the XYZ color 32.2629, 33.1219, 23.7615.



This preview shows how white text looks on a background with the XYZ color 32.2629, 33.1219,

23.7615.

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

32.2629, 33.1219, 23.7615

Protanopia

31.1072, 33.2569, 24.1817

Deuteranopia

33.8994, 33.2384, 24.0310



Tritanopia

35.0665, 33.0650, 37.7917

Trichromacy



Original Color

32.2629, 33.1219, 23.7615

Protanomaly

31.5715, 33.2482, 24.1556

Deuteranomaly

33.3587, 33.1976, 24.0516

Tritanomaly

34.0773, 33.1494, 32.2062

Monochromacy



Original Color

32.2629, 33.1219, 23.7615

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.6557, 33.1377, 31.1133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2629, 33.1219, 23.7615 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(173, 153, 124)` looks like.

```
.text, #text, p{  
    color:rgb(173, 153, 124)  
}
```

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(173, 153, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 153, 124) }
```

Border

The CSS property to change the border of an element to XYZ 32.2629, 33.1219, 23.7615 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(173, 153, 124) }
```


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

```
.border{ border-color:rgb(173, 153, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 153, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 153, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 153, 124);  
box-shadow:4px 4px 4px 4px rgb(173, 153,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2629, 33.1219, 23.7615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 153, 124) }
```

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

```
.background{ background-color: rgb(173,  
153, 124) }
```

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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