

Converting Colors

XYZ(32.4301, 31.0502, 25.7568)

Have a look what the booklet for
XYZ(32.4301, 31.0502, 25.7568)
contains.

XYZ(32.4301, 31.0502, 25.7568)	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(32.4301, 31.0502,
25.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	B29083
RGB	178, 144, 131
RGB Percent	70%, 56%, 51%
CMY	0.3020, 0.4353, 0.4863
CMYK	0.00, 0.19, 0.26, 0.30
HSL	17°, 23%, 61%
HSV	17°, 26%, 70%
XYZ	32.4301, 31.0502, 25.7568
YIQ	152.6840, 24.4370, 3.1650

Conversions

Conversions Part 2

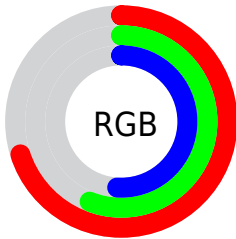
Format	Color
RYB	178, 149, 131
Decimal	11702403
CIELab	62.55, 10.81, 11.74
CIElCh	63, 15.958, 47.362
Yxy	31.0502, 0.3634, 0.3480
Android (android.graphics.Color)	4289892483 (0xFFB29083)
YUV	152.6840, -10.6902, 22.2021
Hunter-Lab	55.7227, 6.3706, 11.6002

Details

The XYZ color **32.4301, 31.0502, 25.7568** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.8508, 34.9489, 47.2394**, and the grayscale version is **30.1792, 31.7508, 34.5767**.

A 20% lighter version of the original color is **62.7775, 61.3413, 53.8787**, and **13.9831, 12.9746, 9.7500** is the 20% darker color. If you saturate the color by 10%, you get **29.4858, 26.9291, 19.3260**, and if you desaturate by 10%, it is **35.8058, 35.7019, 33.3546**.

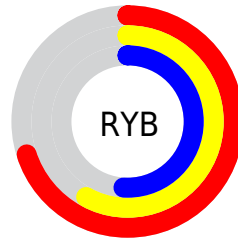
Distribution



Red (70%)

Green (56%)

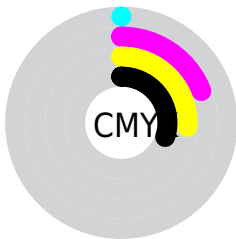
Blue (51%)



Red (70%)

Yellow (58%)

Blue (51%)

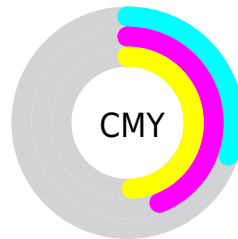


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (30%)



Cyan (30%)

Magenta (44%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4301, 31.0502, 25.7568 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 32.4301, 31.0502, 25.7568 by changing the saturation by 10% instead.


 32.4301, 31.0502,
25.7568


 32.4301, 31.0502,
25.7568


304.7845,
306.7695, 295.1536

 21.8474, 20.6371,
16.4177


 62.8454, 61.3191,
53.8616

 13.8608, 12.8590,
9.6626


 83.4087, 81.9437,
73.4643

 8.1049, 7.3315,
5.0732


 108.0295,
106.7408, 97.3254

 4.2145, 3.6703,
2.2308

137.0732,
136.0950, 125.8632

 1.8242, 1.4909,
0.6920

170.9053,
170.3906, 159.4964

 0.5322, 0.2823,
0.0000

209.8909,

 0.0000, 0.0000,

210.0119, 198.6435

0.0000

254.3955,
255.3434, 243.7230

■ 32.4301, 31.0502,
25.7568

■ 32.4301, 31.0502,
25.7568

■ 29.4858, 26.9291,
19.3260

■ 35.8058, 35.7019,
33.3546

■ 26.9524, 23.3153,
14.0021

■ 39.6273, 40.8980,
42.1718

■ 24.8113, 20.1898,
9.7223

■ 43.9114, 46.6572,
52.2596

■ 23.0414, 17.5310,
6.4169

■ 48.6733, 52.9960,
63.6661

■ 21.6196, 15.3152,
4.0072

■ 53.9275, 59.9301,
76.4365

■ 20.5196, 13.5168,
2.4027

■ 59.6877, 67.4747,
90.6141

■ 19.7087, 12.1060,
1.4817

■ 65.8704, 75.6055,
105.7293

■ 19.4689, 11.6824,
1.2288

■ 69.6730, 83.2106,
106.9968

■ 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.



33.6769, 31.0502, 30.3661



32.4301, 31.0502, 25.7568



30.4348, 31.0502, 23.4364

Triad

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



32.4301, 31.0502, 25.7568



25.6249, 31.0502, 31.2604



30.7751, 31.0502, 46.5458

Complementary

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



32.4301, 31.0502, 25.7568



30.8508, 34.9489, 47.2394

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.



28.6086, 31.0502, 46.8619



32.4301, 31.0502, 25.7568



25.7060, 31.0502, 37.5014

Square

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



32.4301, 31.0502, 25.7568



26.5477, 31.0502, 26.3421



26.7750, 31.0502, 43.3841



32.6897, 31.0502, 42.5669

Rectangle

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



32.4301, 31.0502, 25.7568



28.9808, 31.0502, 23.2871



26.7750, 31.0502, 43.3841



30.0502, 31.0502, 47.0999

Sweetspot

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



32.4309, 31.0516, 25.7574



70.6000, 72.4591, 73.5397



33.3108, 28.4316, 39.5529



15.4047, 15.7323, 15.7435



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.



32.4309, 31.0516, 25.7574



55.4366, 51.6014, 39.2931



36.2819, 38.7536, 27.0411



8.6814, 8.8753, 8.9081



13.9766, 8.4518, 0.8947



0.4899, 0.3662, 0.0449

Inverse Universe

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



30.8508, 34.9489, 47.2394



52.0527, 59.9174, 85.2029



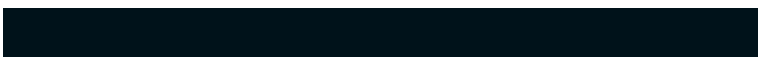
27.0644, 27.3761, 45.9773



8.5399, 9.2261, 10.8370



11.3982, 13.5967, 32.1607



0.4045, 0.5195, 1.0272

Previews

White Background



This preview shows how the XYZ color 32.4301, 31.0502, 25.7568 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 32.4301, 31.0502, 25.7568 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 32.4301, 31.0502, 25.7568

Background



This preview shows how black text looks on a background with the XYZ color 32.4301, 31.0502, 25.7568.



This preview shows how white text looks on a background with the XYZ color 32.4301, 31.0502,

25.7568.

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

32.4301, 31.0502, 25.7568

Protanopia

29.5403, 31.1516, 27.3776

Deuteranopia

31.8312, 31.1951, 25.8163



Tritanopia

34.0148, 31.0200, 33.9005

Trichromacy



Original Color

32.4301, 31.0502, 25.7568

Protanomaly

30.4100, 30.9004, 26.9158

Deuteranomaly

31.9013, 31.0035, 25.7756

Tritanomaly

33.2974, 30.9433, 30.6032

Monochromacy



Original Color

32.4301, 31.0502, 25.7568

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.9175, 31.5384, 31.2461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4301, 31.0502, 25.7568 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, 144, 131)` looks like.

```
.text, #text, p{  
    color:rgb(178, 144, 131)  
}
```

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, 144, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 144, 131) }
```

Border

The CSS property to change the border of an element to XYZ 32.4301, 31.0502, 25.7568 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, 144, 131) }
```


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

```
.border{ border-color:rgb(178, 144, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 144, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 144, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 144, 131);  
box-shadow:4px 4px 4px 4px rgb(178, 144,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4301, 31.0502, 25.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 144, 131) }
```

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

```
.background{ background-color: rgb(178,  
144, 131) }
```

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