

Converting Colors

XYZ(32.1144, 31.1524, 23.9503)

Have a look what the booklet for
XYZ(32.1144, 31.1524, 23.9503)
contains.

XYZ(32.0228, 31.1043, 24.0546)	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(32.0228, 31.1043,
24.0546)**

Conversions

Conversions Part 1

Format	Color
Hex	B1917E
RGB	177, 145, 126
RGB Percent	69%, 57%, 49%
CMY	0.3059, 0.4314, 0.5059
CMYK	0.00, 0.18, 0.29, 0.31
HSL	22°, 25%, 59%
HSV	22°, 29%, 69%
XYZ	32.0228, 31.1043, 24.0546
YIQ	152.4020, 25.1710, 0.8750

Conversions

Conversions Part 2

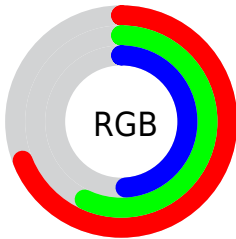
Format	Color
RYB	177, 156, 126
Decimal	11637118
CIELab	62.60, 9.14, 14.61
CIELCh	63, 17.231, 57.950
Yxy	31.1043, 0.3673, 0.3568
Android (android.graphics.Color)	4289827198 (0xFFB1917E)
YUV	152.4020, -13.0162, 21.5724
Hunter-Lab	55.7712, 4.8917, 13.4676

Details

The XYZ color **32.0228, 31.1043, 24.0546** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.7666, 32.0627, 46.2677**, and the grayscale version is **30.0664, 31.6322, 34.4475**.

A 20% lighter version of the original color is **62.1644, 61.4252, 51.2277**, and **13.6001, 12.9312, 8.8003** is the 20% darker color. If you saturate the color by 10%, you get **29.3657, 27.4588, 18.0239**, and if you desaturate by 10%, it is **35.0496, 35.1652, 31.2062**.

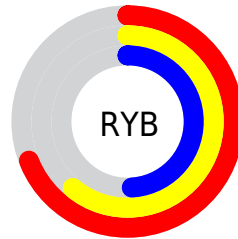
Distribution



Red (69%)

Green (57%)

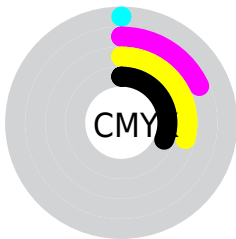
Blue (49%)



Red (69%)

Yellow (61%)

Blue (49%)

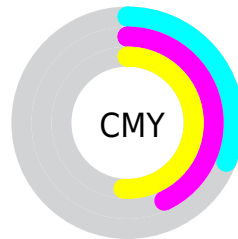


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (31%)



Cyan (31%)


Magenta (43%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0228, 31.1043, 24.0546 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 32.0228, 31.1043, 24.0546 by changing the saturation by 10% instead.


 32.0228, 31.1043,
24.0546


 32.0228, 31.1043,
24.0546

302.9665,
307.0185, 286.3918


 21.5345, 20.6783,
15.1616


 62.2118, 61.4042,
51.0642

 13.6300, 12.8890,
8.7850


 82.6432, 82.0470,
70.0179

 7.9437, 7.3522,
4.5063


 107.1198,
106.8640, 93.1622

 4.1105, 3.6833,
1.9070

136.0068,
136.2399, 120.9156

 1.7648, 1.4980,
0.4972

169.6696,
170.5588, 153.6968

 0.4963, 0.2873,
0.0000

208.4736,

 0.0000, 0.0000,

210.2053, 191.9242

0.0000

252.7841,
255.5638, 236.0164

■ 32.0228, 31.1043,
24.0546

■ 32.0228, 31.1043,
24.0546

■ 29.3657, 27.4588,
18.0239

■ 35.0496, 35.1652,
31.2062

■ 27.0603, 24.2108,
13.0545

■ 38.4579, 39.6504,
39.5304

■ 25.0910, 21.3471,
9.0841

■ 42.2623, 44.5736,
49.0777

■ 23.4396, 18.8521,
6.0432

■ 46.4756, 49.9468,
59.8952

■ 22.0860, 16.7090,
3.8529

■ 51.1100, 55.7813,
72.0276

■ 21.0073, 14.8994,
2.4212

■ 56.1773, 62.0882,
85.5174

■ 20.1664, 13.3985,
1.5836

■ 61.6889, 68.8780,
100.4049

■ 20.0771, 13.2382,
1.4971

■ 65.5593, 75.3226,
105.6911

■ 68.8177, 81.8394,
106.7773

Harmonies

Analogous

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



33.7304, 31.1043, 28.1656



32.0228, 31.1043, 24.0546



29.7254, 31.1043, 22.5271

Triad

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



32.0228, 31.1043, 24.0546



25.2807, 31.1043, 33.4072



31.7289, 31.1043, 46.6099

Complementary

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



32.0228, 31.1043, 24.0546



28.7666, 32.0627, 46.2677

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.



29.4026, 31.1043, 48.4890



32.0228, 31.1043, 24.0546



25.7551, 31.1043, 40.2908

Square

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



32.0228, 31.1043, 24.0546



25.9026, 31.1043, 27.4636



27.2338, 31.1043, 46.0405



33.5545, 31.1043, 41.1963

Rectangle

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



32.0228, 31.1043, 24.0546



28.1951, 31.1043, 23.0033



27.2338, 31.1043, 46.0405



30.9759, 31.1043, 47.7049

Sweetspot

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



32.0236, 31.1057, 24.0552



68.6571, 70.7258, 70.2539



31.7900, 26.7482, 35.9710



14.6821, 15.0699, 14.7385



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.0236, 31.1057, 24.0552



54.0530, 51.1985, 35.5405



36.3099, 39.6782, 25.4840



8.7471, 9.0068, 8.9300



14.6005, 9.6997, 1.1027



0.5165, 0.4194, 0.0537

Inverse Universe

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



28.7666, 32.0627, 46.2677



47.1938, 53.2004, 82.2766



24.9005, 24.3307, 44.9791



8.4712, 9.0886, 10.8141



9.9316, 10.6636, 31.6718



0.3662, 0.4429, 1.0144

Previews

White Background



This preview shows how the XYZ color 32.0228, 31.1043, 24.0546 looks on a white background.

Color Contrast Check

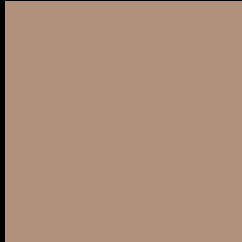
Large Text (above 18pt) WCAG AA × Fail

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 32.0228, 31.1043, 24.0546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

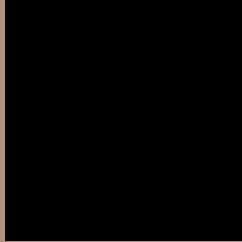
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.0228, 31.1043, 24.0546

Background



This preview shows how black text looks on a background with the XYZ color 32.0228, 31.1043, 24.0546.



This preview shows how white text looks on a background with the XYZ color 32.0228, 31.1043,

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

32.0228, 31.1043, 24.0546

Protanopia

29.3271, 31.0891, 25.2240

Deuteranopia

31.7240, 31.1781, 24.0846



Tritanopia

34.0148, 31.0200, 33.9005

Trichromacy



Original Color

32.0228, 31.1043, 24.0546

Protanomaly

30.3696, 31.1604, 24.8360

Deuteranomaly

31.9493, 31.2942, 24.0951

Tritanomaly

33.2213, 30.9129, 30.2024

Monochromacy



Original Color

32.0228, 31.1043, 24.0546

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.4033, 31.0551, 30.3784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0228, 31.1043, 24.0546 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(177, 145, 126)` looks like.

```
.text, #text, p{  
    color:rgb(177, 145, 126)  
}
```

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(177, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 145, 126) }
```

Border

The CSS property to change the border of an element to XYZ 32.0228, 31.1043, 24.0546 is called "border". The border property can be set on classes, ids or directly on the HTML element.

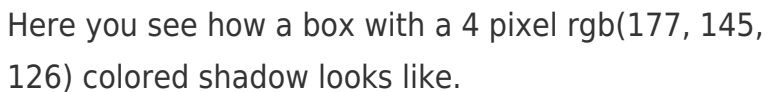
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 145, 126) }
```


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

```
.border{ border-color:rgb(177, 145, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 145, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 145, 126); box-shadow:4px 4px 4px 4px rgb(177, 145, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0228, 31.1043, 24.0546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 145, 126) }
```

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

```
.background{ background-color: rgb(177,  
145, 126) }
```

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