

Converting Colors

XYZ(34.0298, 31.2475, 23.9765)

Have a look what the booklet for XYZ(34.0298, 31.2475, 23.9765) contains.

- XYZ(34.0298, 31.2475, 23.9765) 3**
- Conversions*** 4
- Details*** 6
- Harmonies*** 12
- Previews*** 24
- Color Blindness Simulation*** 28
- CSS Examples*** 31

Color

**XYZ(34.0298, 31.2475,
23.9765)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8D7E
RGB	188, 141, 126
RGB Percent	74%, 55%, 49%
CMY	0.2627, 0.4470, 0.5059
CMYK	0.00, 0.25, 0.33, 0.26
HSL	15°, 32%, 62%
HSV	15°, 33%, 74%
XYZ	34.0298, 31.2475, 23.9765
YIQ	153.3430, 32.8270, 5.2990

Conversions

Conversions Part 2

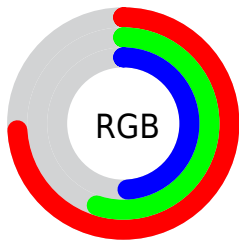
Format	Color
R_{YB}	188, 146, 126
Decimal	12356990
CIE _{Lab}	62.72, 15.75, 14.94
CIE _{LCh}	63, 21.709, 43.501
Yxy	31.2475, 0.3813, 0.3501
Android (android.graphics.Color)	4290547070 (0xFFBC8D7E)
YUV	153.3430, -13.4801, 30.3942
Hunter-Lab	55.8995, 10.8410, 13.6988

Details

The XYZ color **34.0298, 31.2475, 23.9765** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.6243, 37.9523, 53.1830**, and the grayscale version is **30.4754, 32.0624, 34.9160**.

A 20% lighter version of the original color is **65.3080, 61.6974, 51.1145**, and **14.7535, 13.0045, 8.7537** is the 20% darker color. If you saturate the color by 10%, you get **30.9612, 26.8726, 17.5206**, and if you desaturate by 10%, it is **37.5984, 36.2573, 31.7245**.

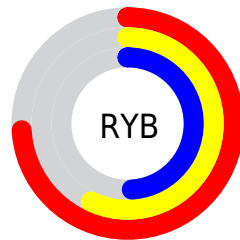
Distribution



Red (74%)

Green (55%)

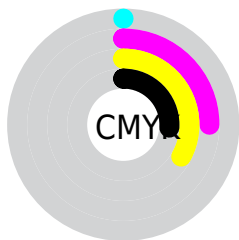
Blue (49%)



Red (74%)

Yellow (57%)

Blue (49%)

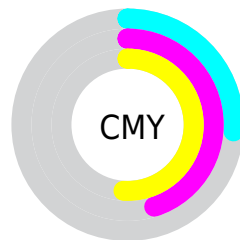


Cyan (0%)

Magenta (25%)

Yellow (33%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0298, 31.2475, 23.9765 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 34.0298, 31.2475, 23.9765 by changing the saturation by 10% instead.


 34.0298, 31.2475,
23.9765


 34.0298, 31.2475,
23.9765

311.8485,
307.6769, 285.9844


 23.0795, 20.7874,
15.1041


 65.3240, 61.6295,
50.9352

 14.7732, 12.9687,
8.7451


 86.3986, 82.3202,
69.8586

 8.7457, 7.4070,
4.4807


 111.5786,
107.1899, 92.9695

 4.6314, 3.7179,
1.8926

141.2295,
136.6230, 120.6864

 2.0652, 1.5170,
0.4880

175.7166,
171.0038, 153.4277

 0.6702, 0.3007,
0.0000

215.4052,

 0.0000, 0.0000,

210.7168, 191.6122

0.0000

260.6607,
256.1464, 235.6582

■ 34.0298, 31.2475,
23.9765

■ 34.0298, 31.2475,
23.9765

■ 30.9612, 26.8726,
17.5206

■ 37.5984, 36.2573,
31.7245

■ 28.3671, 23.1025,
12.2840

■ 41.6861, 41.9218,
40.8281

■ 26.2234, 19.9115,
8.1897

■ 46.3139, 48.2651,
51.3488

■ 24.5028, 17.2698,
5.1510

■ 51.5009, 55.3090,
63.3439

■ 23.1745, 15.1451,
3.0685

■ 57.2652, 63.0743,
76.8673

■ 22.2032, 13.5013,
1.8234

■ 63.6242, 71.5806,
91.9706

■ 21.6965, 12.6062,
1.2897

■ 70.1726, 80.6786,
106.4818

■ 74.5490, 89.4314,
107.9406

Harmonies

Analogous

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



35.5951, 31.2475, 30.3520



34.0298, 31.2475, 23.9765



31.3484, 31.2475, 20.6470

Triad

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



34.0298, 31.2475, 23.9765



24.5622, 31.2475, 29.5940



31.0507, 31.2475, 52.4958

Complementary

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



34.0298, 31.2475, 23.9765



32.6243, 37.9523, 53.1830

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.



28.1101, 31.2475, 52.2013



34.0298, 31.2475, 23.9765



24.4943, 31.2475, 37.9791

Square

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



34.0298, 31.2475, 23.9765



25.9459, 31.2475, 23.5015



25.7536, 31.2475, 46.5449



33.7994, 31.2475, 47.2930

Rectangle

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



34.0298, 31.2475, 23.9765



29.3530, 31.2475, 20.1904



25.7536, 31.2475, 46.5449



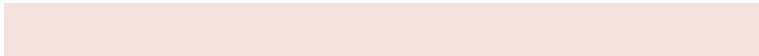
30.0493, 31.2475, 53.0596

Sweetspot

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



34.0306, 31.2490, 23.9771



77.8100, 79.0864, 79.0967



35.7946, 28.6512, 43.4501



16.4878, 16.6706, 16.4559



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.0306, 31.2490, 23.9771



57.3266, 50.4455, 34.2699



39.1563, 41.5003, 25.6857



9.7127, 9.9013, 9.9759



14.8217, 8.6822, 0.8946



0.6335, 0.4459, 0.0527

Inverse Universe

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



32.6243, 37.9523, 53.1830



54.3458, 64.5398, 95.8193



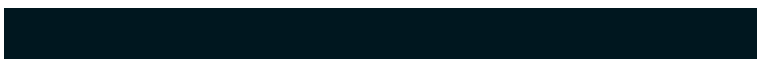
27.4341, 27.5719, 51.4529



9.6077, 10.4076, 12.1747



12.8774, 15.8665, 34.7767



0.5524, 0.7174, 1.3782

Previews

White Background



This preview shows how the XYZ color 34.0298, 31.2475, 23.9765 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 34.0298, 31.2475, 23.9765 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 34.0298, 31.2475, 23.9765

Background



This preview shows how black text looks on a background with the XYZ color 34.0298, 31.2475, 23.9765.



This preview shows how white text looks on a background with the XYZ color 34.0298, 31.2475,

23.9765.

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

34.0298, 31.2475, 23.9765

Protanopia

29.6230, 31.4661, 25.9850

Deuteranopia

31.8851, 31.2685, 23.7569



Tritanopia

35.6690, 31.2622, 32.1712

Trichromacy



Original Color

34.0298, 31.2475, 23.9765

Protanomaly

31.1299, 31.3108, 25.1718

Deuteranomaly

32.4973, 31.1305, 23.6980

Tritanomaly

34.9525, 31.1775, 28.9866

Monochromacy



Original Color

34.0298, 31.2475, 23.9765

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.4313, 31.5851, 30.4265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0298, 31.2475, 23.9765 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(188, 141, 126)` looks like.

```
.text, #text, p{  
    color:rgb(188, 141, 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(188, 141, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 141, 126) }
```

Border

The CSS property to change the border of an element to XYZ 34.0298, 31.2475, 23.9765 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(188, 141, 126) }
```


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

```
.border{ border-color:rgb(188, 141, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 141, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 141, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 141, 126);  
box-shadow:4px 4px 4px 4px rgb(188, 141,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0298, 31.2475, 23.9765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 141, 126) }
```

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

```
.background{ background-color: rgb(188,  
141, 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