

Converting Colors

XYZ(34.0796, 31.0325, 24.9626)

Have a look what the booklet for
XYZ(34.0796, 31.0325, 24.9626)
contains.

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Color

**XYZ(34.0796, 31.0325,
24.9626)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8C81
RGB	188, 140, 129
RGB Percent	74%, 55%, 51%
CMY	0.2627, 0.4510, 0.4941
CMYK	0.00, 0.26, 0.31, 0.26
HSL	11°, 31%, 62%
HSV	11°, 31%, 74%
XYZ	34.0796, 31.0325, 24.9626
YIQ	153.0980, 32.1390, 6.7550

Conversions

Conversions Part 2

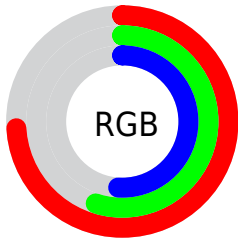
Format	Color
RYB	188, 143, 129
Decimal	12356737
CIELab	62.54, 16.70, 13.00
CIELCh	63, 21.162, 37.895
Yxy	31.0325, 0.3783, 0.3445
Android (android.graphics.Color)	4290546817 (0xFFBC8C81)
YUV	153.0980, -11.8803, 30.6091
Hunter-Lab	55.7068, 11.7135, 12.4265

Details

The XYZ color **34.0796, 31.0325, 24.9626** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.8521, 39.7411, 53.4637**, and the grayscale version is **30.3619, 31.9431, 34.7860**.

A 20% lighter version of the original color is **65.3915, 61.3734, 52.6557**, and **14.7770, 12.8781, 9.2963** is the 20% darker color. If you saturate the color by 10%, you get **30.8616, 26.4157, 18.2815**, and if you desaturate by 10%, it is **37.8398, 36.3654, 32.9594**.

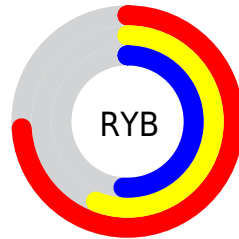
Distribution



Red (74%)

Green (55%)

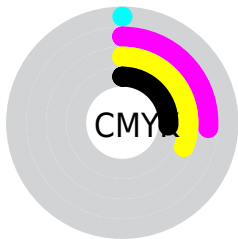
Blue (51%)



Red (74%)

Yellow (56%)

Blue (51%)

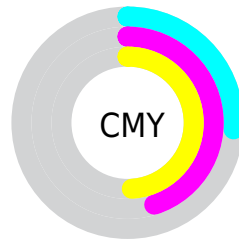


Cyan (0%)

Magenta (26%)

Yellow (31%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0796, 31.0325, 24.9626 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 34.0796, 31.0325, 24.9626 by changing the saturation by 10% instead.


 34.0796, 31.0325,
24.9626


 34.0796, 31.0325,
24.9626


312.0665,
306.6880, 291.0933


 23.1179, 20.6236,
15.8304


 65.4009, 61.2912,
52.5599

 14.8018, 12.8491,
9.2512


 86.4913, 81.9099,
71.8621

 8.7658, 7.3247,
4.8063


 111.6885,
106.7005, 95.3914

 4.6446, 3.6660,
2.0773

141.3581,
136.0476, 123.5664

 2.0729, 1.4885,
0.6022

175.8654,
170.3355, 156.8055

 0.6744, 0.2806,
0.0000

215.5756,

 0.0000, 0.0000,

209.9486, 195.5274

0.0000

260.8542,
255.2713, 240.1505

■ 34.0796, 31.0325,
24.9626

■ 34.0796, 31.0325,
24.9626

■ 30.8616, 26.4157,
18.2815

■ 37.8398, 36.3654,
32.9594

■ 28.1580, 22.4802,
12.8435

■ 42.1634, 42.4387,
42.3355

■ 25.9422, 19.1945,
8.5718

■ 47.0734, 49.2810,
53.1525

■ 24.1840, 16.5233,
5.3803

■ 52.5910, 56.9179,
65.4679

■ 22.8498, 14.4274,
3.1706

■ 58.7360, 65.3740,
79.3357

■ 21.9010, 12.8632,
1.8267

■ 65.5275, 74.6726,
94.8077

■ 21.3420, 11.8972,
1.1715

■ 72.0686, 84.4704,
107.1137

■ 74.5491, 89.4314,
107.9406

Harmonies

Analogous

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



35.3210, 31.0325, 31.6593



34.0796, 31.0325, 24.9626



31.6264, 31.0325, 21.1340

Triad

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



34.0796, 31.0325, 24.9626



24.6615, 31.0325, 28.1714



30.2619, 31.0325, 52.0359

Complementary

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



34.0796, 31.0325, 24.9626



33.8521, 39.7411, 53.4637

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.



27.4625, 31.0325, 50.6950



34.0796, 31.0325, 24.9626



24.3485, 31.0325, 36.0124

Square

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



34.0796, 31.0325, 24.9626



26.2266, 31.0325, 22.7658



25.3420, 31.0325, 44.4838



33.0253, 31.0325, 47.8961

Rectangle

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



34.0796, 31.0325, 24.9626



29.6991, 31.0325, 20.3013



25.3420, 31.0325, 44.4838



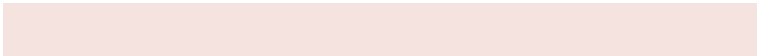
29.2928, 31.0325, 52.2221

Sweetspot

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



34.0804, 31.0340, 24.9632



78.3099, 79.5626, 80.8779



36.5437, 29.5739, 45.4734



16.5730, 16.7363, 16.8069



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.



34.0804, 31.0340, 24.9632



57.4469, 50.0587, 36.2442



38.9487, 40.7706, 26.5860



9.6703, 9.8166, 9.9617



14.5716, 8.1820, 0.8113



0.6150, 0.4090, 0.0465

Inverse Universe

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



33.8521, 39.7411, 53.4637



56.9505, 68.4193, 96.4308



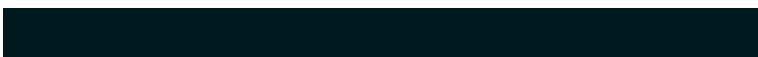
28.6710, 29.3790, 51.7367



9.6532, 10.4987, 12.1899



13.9797, 18.0711, 35.1442



0.5874, 0.7875, 1.3899

Previews

White Background



This preview shows how the XYZ color 34.0796, 31.0325, 24.9626 looks on a white background.

Color Contrast Check

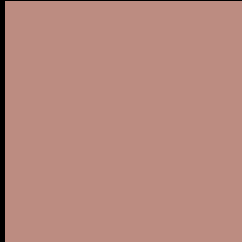
Large Text (above 18pt) WCAG AA × Fail

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 34.0796, 31.0325, 24.9626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

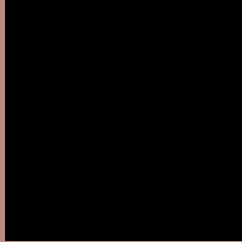
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0796, 31.0325, 24.9626

Background



This preview shows how black text looks on a background with the XYZ color 34.0796, 31.0325, 24.9626.



This preview shows how white text looks on a background with the XYZ color 34.0796, 31.0325,

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

34.0796, 31.0325, 24.9626

Protanopia

29.5403, 31.1516, 27.3776

Deuteranopia

31.6307, 31.1150, 24.7607



Tritanopia

35.5262, 30.9766, 32.1236

Trichromacy



Original Color

34.0796, 31.0325, 24.9626

Protanomaly

31.0295, 30.9959, 26.5377

Deuteranomaly

32.4599, 31.0887, 24.7120

Tritanomaly

34.8825, 30.9189, 29.3287

Monochromacy



Original Color

34.0796, 31.0325, 24.9626

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.3498, 31.3004, 30.7748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0796, 31.0325, 24.9626 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, 140, 129)` looks like.

```
.text, #text, p{  
    color:rgb(188, 140, 129)  
}
```

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, 140, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 140, 129) }
```

Border

The CSS property to change the border of an element to XYZ 34.0796, 31.0325, 24.9626 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, 140, 129) }
```


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

```
.border{ border-color:rgb(188, 140, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 140, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 140, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 140, 129);  
box-shadow:4px 4px 4px 4px rgb(188, 140,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0796, 31.0325, 24.9626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 140, 129) }
```

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

```
.background{ background-color: rgb(188,  
140, 129) }
```

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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