

Converting Colors

XYZ(34.7314, 31.2339, 34.5426)

Have a look what the booklet for
XYZ(34.7314, 31.2339, 34.5426)
contains.

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Color

**XYZ(34.6563, 31.1234,
34.3178)**

Conversions

Conversions Part 1

Format	Color
Hex	B78C99
RGB	183, 140, 153
RGB Percent	72%, 55%, 60%
CMY	0.2824, 0.4510, 0.4000
CMYK	0.00, 0.23, 0.16, 0.28
HSL	342°, 23%, 63%
HSV	342°, 23%, 72%
XYZ	34.6563, 31.1234, 34.3178
YIQ	154.3390, 21.4550, 13.1590

Conversions

Conversions Part 2

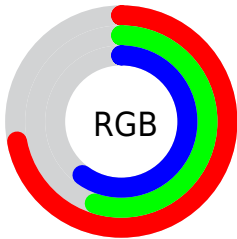
Format	Color
R_{YB}	183, 140, 153
Decimal	12029081
CIE _{Lab}	62.61, 18.36, -0.57
CIE _{LCh}	63, 18.371, 358.220
Yxy	31.1234, 0.3462, 0.3109
Android (android.graphics.Color)	4290219161 (0xFFB78C99)
YUV	154.3390, -0.6601, 25.1357
Hunter-Lab	55.7884, 13.2564, 2.5800

Details

The XYZ color **34.6563, 31.1234, 34.3178** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0057, 42.3455, 44.3608**, and the grayscale version is **30.8611, 32.4682, 35.3579**.

A 20% lighter version of the original color is **66.1509, 61.4393, 67.4039**, and **15.1077, 12.9388, 14.2715** is the 20% darker color. If you saturate the color by 10%, you get **31.2027, 25.8143, 28.2390**, and if you desaturate by 10%, it is **38.6693, 37.3699, 41.1406**.

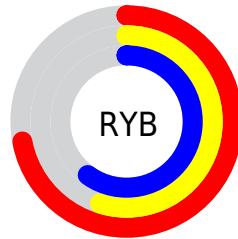
Distribution



Red (72%)

Green (55%)

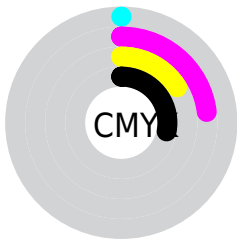
Blue (60%)



Red (72%)

Yellow (55%)

Blue (60%)

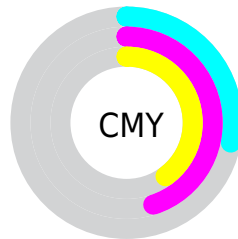


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (28%)



Cyan (28%)

Magenta (45%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6563, 31.1234, 34.3178 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 34.6563, 31.1234, 34.3178 by changing the saturation by 10% instead.


 34.6563, 31.1234,
34.3178

 34.6563, 31.1234,
34.3178


314.5833,
307.1064, 336.3591


 23.5635, 20.6928,
22.8585


 66.2905, 61.4343,
67.5671

 15.1331, 12.8997,
14.2848


 87.5627, 82.0834,
90.1942

 8.9998, 7.3595,
8.1780


 112.9586,
106.9075, 117.3810

 4.7982, 3.6879,
4.1196

142.8438,
136.2910, 149.5460

 2.1629, 1.5006,
1.6912

177.5835,
170.6182, 187.1078

 0.7231, 0.2891,
0.3547

217.5430,

 0.0000, 0.0000,

210.2736, 230.4849

0.0000

263.0879,
255.6415, 280.0958

■ 34.6563, 31.1234,
34.3178

■ 34.6563, 31.1234,
34.3178

■ 31.2027, 25.8143,
28.2390

■ 38.6693, 37.3699,
41.1406

■ 28.2802, 21.3929,
22.8762

■ 43.2628, 44.5917,
48.7301

■ 25.8623, 17.8116,
18.2028

■ 48.4601, 52.8300,
57.1104

■ 23.9188, 15.0163,
14.1891

■ 54.2825, 62.1222,
66.3038

■ 22.4161, 12.9467,
10.8036

■ 60.7501, 72.5039,
76.3318

■ 21.3161, 11.5335,
8.0114

■ 67.8821, 84.0088,
87.2152

■ 20.5735, 10.6938,
5.7739

■ 71.3728, 88.0211,
97.5325

■ 20.2257, 10.3462,
4.5852

■ 73.3386, 88.8073,
107.8839

Harmonies

Analogous

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



33.8634, 31.1234, 41.6755



34.6563, 31.1234, 34.3178



34.0271, 31.1234, 27.7809

Triad

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



34.6563, 31.1234, 34.3178



27.3645, 31.1234, 23.1387



27.1196, 31.1234, 47.0034

Complementary

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



34.6563, 31.1234, 34.3178



35.0057, 42.3455, 44.3608

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.



25.5416, 31.1234, 40.8305



34.6563, 31.1234, 34.3178



25.6773, 31.1234, 27.1367

Square

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



34.6563, 31.1234, 34.3178



29.7315, 31.1234, 21.8967



25.0286, 31.1234, 33.4620



29.4327, 31.1234, 49.6112

Rectangle

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



34.6563, 31.1234, 34.3178



32.9048, 31.1234, 24.6160



25.0286, 31.1234, 33.4620



26.4906, 31.1234, 45.2374

Sweetspot

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



34.6572, 31.1248, 34.3184



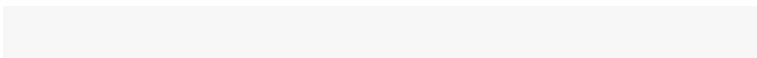
74.3810, 74.9729, 82.1915



34.3710, 30.6541, 48.9053



16.3188, 16.3867, 17.9729



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.6572, 31.1248, 34.3184



58.8746, 50.8147, 55.8911



34.8348, 33.1054, 29.3667



9.1134, 9.0557, 9.9444



14.1368, 7.2285, 3.3413



0.5267, 0.2662, 0.2671

Inverse Universe

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



34.6572, 31.1248, 34.3184



58.8746, 50.8147, 55.8911



34.7162, 39.7007, 50.6333



9.1134, 9.0557, 9.9444



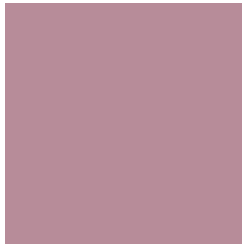
14.1368, 7.2285, 3.3413



0.5267, 0.2662, 0.2671

Previews

White Background



This preview shows how the XYZ color 34.6563, 31.1234, 34.3178 looks on a white background.

Color Contrast Check

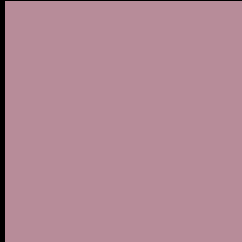
Large Text (above 18pt) WCAG AA × Fail

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 34.6563, 31.1234, 34.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

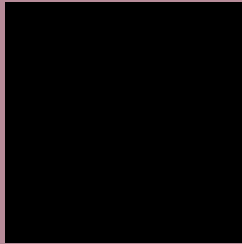
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6563, 31.1234, 34.3178

Background



This preview shows how black text looks on a background with the XYZ color 34.6563, 31.1234, 34.3178.



This preview shows how white text looks on a background with the XYZ color 34.6563, 31.1234,

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

34.6563, 31.1234, 34.3178

Protanopia

30.2735, 31.3118, 37.2491

Deuteranopia

31.8271, 31.2414, 34.0585



Tritanopia

34.4924, 31.0578, 33.4550

Trichromacy



Original Color

34.6563, 31.1234, 34.3178

Protanomaly

31.6238, 31.0883, 36.2322

Deuteranomaly

32.6540, 30.9842, 33.9653

Tritanomaly

34.5740, 31.0904, 33.8846

Monochromacy



Original Color

34.6563, 31.1234, 34.3178

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.0972, 31.8273, 35.0234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6563, 31.1234, 34.3178 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(183, 140, 153)` looks like.

```
.text, #text, p{  
    color:rgb(183, 140, 153)  
}
```

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(183, 140, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 140, 153) }
```

Border

The CSS property to change the border of an element to XYZ 34.6563, 31.1234, 34.3178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

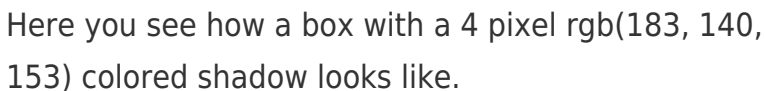
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 140, 153) }
```


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

```
.border{ border-color:rgb(183, 140, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 140, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 140, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 140, 153); box-shadow:4px 4px 4px 4px rgb(183, 140, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6563, 31.1234, 34.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 140, 153) }
```

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

```
.background{ background-color: rgb(183,  
140, 153) }
```

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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