

Converting Colors

XYZ(34.8227, 32.1720, 31.0062)

Have a look what the booklet for
XYZ(34.8227, 32.1720, 31.0062)
contains.

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Color

**XYZ(34.8513, 32.1812,
31.1628)**

Conversions

Conversions Part 1

Format	Color
Hex	B89091
RGB	184, 144, 145
RGB Percent	72%, 56%, 57%
CMY	0.2784, 0.4353, 0.4314
CMYK	0.00, 0.22, 0.21, 0.28
HSL	359°, 22%, 64%
HSV	359°, 22%, 72%
XYZ	34.8513, 32.1812, 31.1628
YIQ	156.0740, 23.5190, 8.7910

Conversions

Conversions Part 2

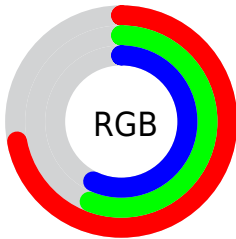
Format	Color
RYB	184, 144, 145
Decimal	12095633
CIELab	63.49, 15.23, 5.25
CIELCh	63, 16.115, 19.027
Yxy	32.1812, 0.3549, 0.3277
Android (android.graphics.Color)	4290285713 (0xFFB89091)
YUV	156.0740, -5.4595, 24.4911
Hunter-Lab	56.7285, 10.3871, 7.1400

Details

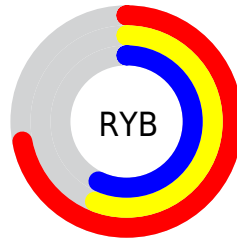
The XYZ color **34.8513, 32.1812, 31.1628** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.1907, 43.6300, 51.2633**, and the grayscale version is **31.6499, 33.2982, 36.2617**.

A 20% lighter version of the original color is **66.7785, 63.2125, 62.7144**, and **15.1858, 13.4008, 12.6127** is the 20% darker color. If you saturate the color by 10%, you get **31.0123, 26.5450, 23.5882**, and if you desaturate by 10%, it is **39.3648, 38.8161, 40.0409**.

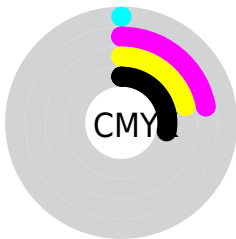
Distribution



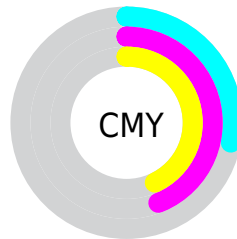
- Red (72%)
- Green (56%)
- Blue (57%)



- Red (72%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (28%)





- Cyan (28%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8513, 32.1812, 31.1628 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 34.8513, 32.1812, 31.1628 by changing the saturation by 10% instead.


 34.8513, 32.1812,
31.1628


 34.8513, 32.1812,
31.1628


315.4310,
311.9438, 321.6620

 23.7143, 21.4999,
20.4633


 66.5909, 63.0950,
62.5789

 15.2454, 13.4899,
12.5449


 87.9242, 84.0964,
84.1326

 9.0793, 7.7668,
6.9889


113.3870,
109.3066, 110.1414

 4.8504, 3.9461,
3.3768

143.3447,
139.1100, 141.0240

 2.1936, 1.6434,
1.2901

178.1626,
173.8911, 177.1988

 0.7394, 0.3866,
0.0537

218.2060,

 0.0000, 0.0000,

214.0341, 219.0844

0.0000

263.8404,
259.9236, 267.0993

■ 34.8513, 32.1812,
31.1628

■ 34.8513, 32.1812,
31.1628

■ 31.0123, 26.5450,
23.5882

■ 39.3648, 38.8161,
40.0409

■ 27.8130, 21.8552,
17.2539

■ 44.5801, 46.4902,
50.2777

■ 25.2194, 18.0610,
12.0944

■ 50.5265, 55.2470,
61.9276

■ 23.1933, 15.1057,
8.0375

■ 57.2305, 65.1261,
75.0414

■ 21.6921, 12.9254,
5.0029

■ 64.7175, 76.1655,
89.6675

■ 20.6676, 11.4478,
2.8997

■ 73.0118, 88.4009,
105.8519

■ 20.0621, 10.5863,
1.6206

■ 73.5773, 88.9304,
107.8951

■ 19.7924, 10.2005,
1.0574

Harmonies

Analogous

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



35.0227, 32.1812, 37.4455



34.8513, 32.1812, 31.1628



33.5053, 32.1812, 26.5118

Triad

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



34.8513, 32.1812, 31.1628



27.4431, 32.1812, 27.5442



29.7731, 32.1812, 48.6284

Complementary

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



34.8513, 32.1812, 31.1628



37.1907, 43.6300, 51.2633

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.



27.8438, 32.1812, 45.2248



34.8513, 32.1812, 31.1628



26.5430, 32.1812, 32.7395

Square

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



34.8513, 32.1812, 31.1628



29.2017, 32.1812, 24.6059



26.6860, 32.1812, 39.2258



32.0160, 32.1812, 48.0714

Rectangle

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



34.8513, 32.1812, 31.1628



32.1581, 32.1812, 24.7195



26.6860, 32.1812, 39.2258



29.0684, 32.1812, 47.8944

Sweetspot

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



34.8522, 32.1827, 31.1635



75.5650, 76.5520, 80.8453



38.0752, 33.4351, 49.7946



16.1710, 16.3276, 17.1945



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.



34.8522, 32.1827, 31.1635



59.7600, 53.3185, 49.7530



37.8403, 38.2813, 31.7820



9.0134, 9.0157, 9.4182



13.6446, 7.0316, 0.7494



0.4841, 0.2491, 0.0426

Inverse Universe

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



34.8522, 32.1827, 31.1635



59.7600, 53.3185, 49.7530



33.6700, 36.4220, 50.6033



9.0134, 9.0157, 9.4182



13.6446, 7.0316, 0.7494



0.4841, 0.2491, 0.0426

Previews

White Background



This preview shows how the XYZ color 34.8513, 32.1812, 31.1628 looks on a white background.

Color Contrast Check

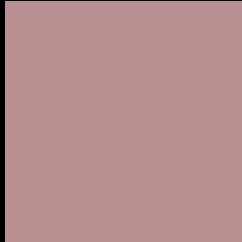
Large Text (above 18pt) WCAG AA × Fail

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 34.8513, 32.1812, 31.1628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

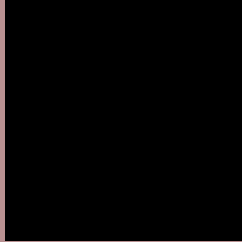
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8513, 32.1812, 31.1628

Background



This preview shows how black text looks on a background with the XYZ color 34.8513, 32.1812, 31.1628.



This preview shows how white text looks on a background with the XYZ color 34.8513, 32.1812,

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

34.8513, 32.1812, 31.1628

Protanopia

30.9968, 32.2536, 33.4460

Deuteranopia

33.0151, 32.3927, 30.8979



Tritanopia

35.6628, 32.2923, 34.9253

Trichromacy



Original Color

34.8513, 32.1812, 31.1628

Protanomaly

32.1880, 32.1663, 32.5292

Deuteranomaly

33.5992, 32.2282, 30.8353

Tritanomaly

35.4160, 32.1936, 33.6255

Monochromacy



Original Color

34.8513, 32.1812, 31.1628

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.6216, 32.8305, 34.3233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8513, 32.1812, 31.1628 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(184, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(184, 144, 145)  
}
```

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(184, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 34.8513, 32.1812, 31.1628 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(184, 144, 145) }
```


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

```
.border{ border-color:rgb(184, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(184, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8513, 32.1812, 31.1628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 144, 145) }
```

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

```
.background{ background-color: rgb(184,  
144, 145) }
```

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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