

Converting Colors

XYZ(31.8124, 29.5643, 28.5939)

Have a look what the booklet for
XYZ(31.8124, 29.5643, 28.5939)
contains.

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Color

**XYZ(31.7973, 29.5594,
28.4557)**

Conversions

Conversions Part 1

Format	Color
Hex	B08B8B
RGB	176, 139, 139
RGB Percent	69%, 55%, 55%
CMY	0.3098, 0.4549, 0.4549
CMYK	0.00, 0.21, 0.21, 0.31
HSL	0°, 19%, 62%
HSV	0°, 21%, 69%
XYZ	31.7973, 29.5594, 28.4557
YIQ	150.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

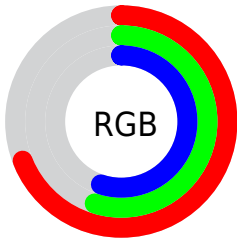
Format	Color
RYB	176, 139, 139
Decimal	11570059
CIELab	61.27, 14.03, 5.36
CIElCh	61, 15.018, 20.904
Yxy	29.5594, 0.3540, 0.3291
Android (android.graphics.Color)	4289760139 (0xFFB08B8B)
YUV	150.0630, -5.4541, 22.7467
Hunter-Lab	54.3686, 9.2503, 7.0265

Details

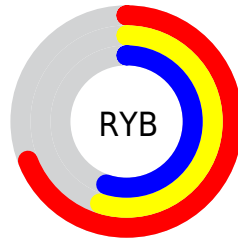
The XYZ color **31.7973, 29.5594, 28.4557** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.0089, 39.6732, 46.9398**, and the grayscale version is **29.0327, 30.5446, 33.2631**.

A 20% lighter version of the original color is **61.8631, 59.1015, 58.0164**, and **13.5439, 12.0770, 11.0684** is the 20% darker color. If you saturate the color by 10%, you get **28.2672, 24.3941, 21.4370**, and if you desaturate by 10%, it is **35.9462, 35.6306, 36.7028**.

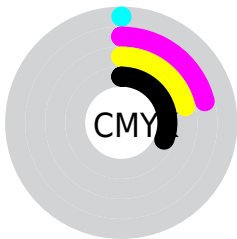
Distribution



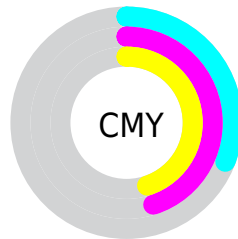
- Red (69%)
- Green (55%)
- Blue (55%)



- Red (69%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (21%)
- Black (31%)





- Cyan (31%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.7973, 29.5594, 28.4557 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 31.7973, 29.5594, 28.4557 by changing the saturation by 10% instead.


 31.7973, 29.5594,
28.4557


 31.7973, 29.5594,
28.4557


301.9566,
299.8453, 308.6182


 21.3615, 19.5044,
18.4274


 61.8605, 58.9647,
58.2430

 13.5025, 12.0353,
11.0847


 82.2187, 79.0838,
78.8391

 7.8548, 6.7677,
6.0089

 106.6150,
103.3263, 103.7949

 4.0532, 3.3173,
2.7816

135.4148,
132.0768, 133.5289

 1.7323, 1.2995,
0.9842

168.9836,
165.7195, 168.4598

 0.4764, 0.1408,
0.0000

207.6865,

 0.0000, 0.0000,

204.6389, 209.0059

0.0000

251.8891,
249.2194, 255.5859

■ 31.7973, 29.5594,
28.4557

■ 31.7973, 29.5594,
28.4557

■ 28.2672, 24.3941,
21.4370

■ 35.9462, 35.6306,
36.7028

■ 25.3241, 20.0875,
15.5863

■ 40.7391, 42.6439,
46.2311

■ 22.9369, 16.5943,
10.8407

■ 46.2027, 50.6385,
57.0927

■ 21.0707, 13.8634,
7.1308

■ 52.3612, 59.6500,
69.3362

■ 19.6865, 11.8379,
4.3794

■ 59.2380, 69.7125,
83.0076

■ 18.7402, 10.4530,
2.4984

■ 66.8552, 80.8584,
98.1509

■ 18.1792, 9.6321,
1.3835

■ 71.7146, 87.9702,
107.8079

■ 17.9048, 9.2305,
0.8380

Harmonies

Analogous

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



32.0176, 29.5594, 33.9367



31.7973, 29.5594, 28.4557



30.5608, 29.5594, 24.4554

Triad

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



31.7973, 29.5594, 28.4557



25.2478, 29.5594, 25.7977



27.4988, 29.5594, 44.1732

Complementary

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



31.7973, 29.5594, 28.4557



34.0089, 39.6732, 46.9398

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.



25.7662, 29.5594, 41.3929



31.7973, 29.5594, 28.4557



24.5072, 29.5594, 30.4950

Square

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



31.7973, 29.5594, 28.4557



26.7610, 29.5594, 23.0504



24.6924, 29.5594, 36.2270



29.4733, 29.5594, 43.4614

Rectangle

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



31.7973, 29.5594, 28.4557



29.3571, 29.5594, 22.9565



24.6924, 29.5594, 36.2270



26.8702, 29.5594, 43.6050

Sweetspot

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



31.7981, 29.5608, 28.4563



69.3197, 70.6584, 74.7678



34.9739, 30.8303, 45.1820



14.9048, 15.1402, 15.9689



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.



31.7981, 29.5608, 28.4563



54.7086, 49.2784, 45.7209



34.7067, 35.3780, 29.4259



8.4964, 8.5054, 8.8464



13.1370, 6.7726, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



34.0089, 39.6732, 46.9398



59.4099, 70.7828, 85.0265



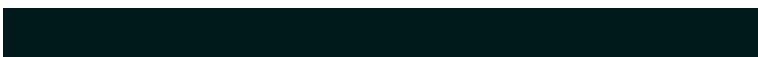
30.6260, 32.9074, 45.8121



8.7426, 9.6314, 10.9046



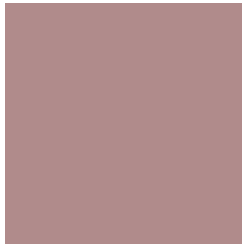
17.1387, 25.0778, 34.0742



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 31.7973, 29.5594, 28.4557 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7973, 29.5594, 28.4557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

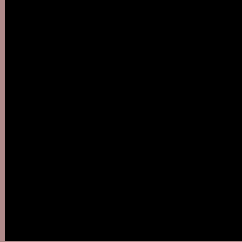
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.7973, 29.5594, 28.4557

Background



This preview shows how black text looks on a background with the XYZ color 31.7973, 29.5594, 28.4557.



This preview shows how white text looks on a background with the XYZ color 31.7973, 29.5594,

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

31.7973, 29.5594, 28.4557

Protanopia

28.4167, 29.5565, 30.5928

Deuteranopia

30.1358, 29.5869, 28.1673



Tritanopia

32.5652, 29.6622, 32.0260

Trichromacy



Original Color

31.7973, 29.5594, 28.4557

Protanomaly

29.5537, 29.4766, 29.7231

Deuteranomaly

30.8380, 29.7270, 28.1573

Tritanomaly

32.3308, 29.5684, 30.7913

Monochromacy



Original Color

31.7973, 29.5594, 28.4557

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.7653, 30.0040, 31.4167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7973, 29.5594, 28.4557 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(176, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(176, 139, 139)  
}
```

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(176, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 139, 139) }
```

Border

The CSS property to change the border of an element to XYZ 31.7973, 29.5594, 28.4557 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(176, 139, 139) }
```


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

```
.border{ border-color:rgb(176, 139, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 139, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 139, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 139, 139);  
box-shadow:4px 4px 4px 4px rgb(176, 139,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7973, 29.5594, 28.4557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 139, 139) }
```

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

```
.background{ background-color: rgb(176,  
139, 139) }
```

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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