

Converting Colors

XYZ(31.7918, 31.3459, 26.7644)

Have a look what the booklet for
XYZ(31.7918, 31.3459, 26.7644)
contains.

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Color

**XYZ(31.7501, 31.3593,
26.9338)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9386
RGB	172, 147, 134
RGB Percent	67%, 58%, 53%
CMY	0.3255, 0.4235, 0.4745
CMYK	0.00, 0.15, 0.22, 0.33
HSL	21°, 19%, 60%
HSV	21°, 22%, 67%
XYZ	31.7501, 31.3593, 26.9338
YIQ	152.9930, 19.0730, 1.2570

Conversions

Conversions Part 2

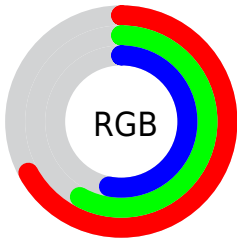
Format	Color
RYB	172, 154, 134
Decimal	11309958
CIELab	62.81, 7.23, 10.33
CIElCh	63, 12.610, 55.013
Yxy	31.3593, 0.3526, 0.3483
Android (android.graphics.Color)	4289500038 (0xFFAC9386)
YUV	152.9930, -9.3635, 16.6691
Hunter-Lab	55.9994, 3.2057, 10.6831

Details

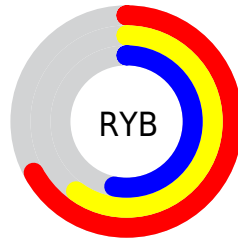
The XYZ color **31.7501, 31.3593, 26.9338** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6759, 32.8425, 43.8053**, and the grayscale version is **30.3095, 31.8880, 34.7260**.

A 20% lighter version of the original color is **61.8512, 61.8551, 55.6930**, and **13.3909, 12.9278, 10.1770** is the 20% darker color. If you saturate the color by 10%, you get **28.9731, 27.5715, 20.5631**, and if you desaturate by 10%, it is **34.8970, 35.5742, 34.3912**.

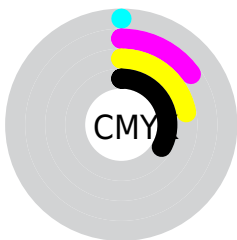
Distribution



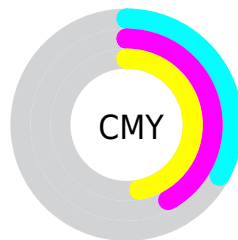
- Red (67%)
- Green (58%)
- Blue (53%)



- Red (67%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (22%)
- Black (33%)





- Cyan (33%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.7501, 31.3593, 26.9338 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 31.7501, 31.3593, 26.9338 by changing the saturation by 10% instead.


 31.7501, 31.3593,
26.9338


 31.7501, 31.3593,
26.9338


301.7449,
308.1902, 301.0865


 21.3253, 20.8726,
17.2915


 61.7870, 61.8053,
55.7801

 13.4758, 13.0309,
10.2784


 82.1297, 82.5334,
75.8211

 7.8363, 7.4498,
5.4759


 106.5092,
107.4441, 100.1655

 4.0413, 3.7450,
2.4655

135.2908,
136.9218, 129.2318

 1.7255, 1.5320,
0.8218

168.8398,
171.3508, 163.4385

 0.4722, 0.3111,
0.0000

207.5216,

 0.0000, 0.0000,

211.1157, 203.2041

0.0000

251.7015,
256.6007, 248.9473

■ 31.7501, 31.3593,
26.9338

■ 31.7501, 31.3593,
26.9338

■ 28.9731, 27.5715,
20.5631

■ 34.8970, 35.5742,
34.3912

■ 26.5492, 24.1927,
15.2260

■ 38.4248, 40.2249,
42.9811

■ 24.4636, 21.2099,
10.8674

■ 42.3472, 45.3254,
52.7492

■ 22.6999, 18.6077,
7.4268

■ 46.6765, 50.8875,
63.7381

■ 21.2396, 16.3696,
4.8366

■ 51.4242, 56.9227,
75.9881

■ 20.0626, 14.4775,
3.0196

■ 56.6016, 63.4422,
89.5377

■ 19.1452, 12.9118,
1.8846

■ 62.2194, 70.4567,
104.4237

■ 18.5700, 11.8839,
1.3151

■ 65.4983, 76.8605,
105.9912

■ 68.8878, 83.6396,
107.1210

Harmonies

Analogous

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



32.9164, 31.3593, 30.2811



31.7501, 31.3593, 26.9338



30.0955, 31.3593, 25.5233

Triad

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



31.7501, 31.3593, 26.9338



26.6201, 31.3593, 33.3253



31.2317, 31.3593, 43.5043

Complementary

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



31.7501, 31.3593, 26.9338



29.6759, 32.8425, 43.8053

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.



29.5185, 31.3593, 44.5177



31.7501, 31.3593, 26.9338



26.8982, 31.3593, 38.3242

Square

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



31.7501, 31.3593, 26.9338



27.1685, 31.3593, 28.9791



27.9431, 31.3593, 42.5404



32.6091, 31.3593, 39.8908

Rectangle

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



31.7501, 31.3593, 26.9338



28.9545, 31.3593, 25.7617



27.9431, 31.3593, 42.5404



30.6742, 31.3593, 44.1742

Sweetspot

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



31.7509, 31.3607, 26.9345



66.3987, 68.6266, 69.8685



31.8257, 28.3361, 36.7452



14.3516, 14.8107, 14.9933



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.7509, 31.3607, 26.9345



54.8023, 53.0924, 42.3925



34.8924, 37.6437, 27.9816



8.2209, 8.4467, 8.4105



13.8656, 8.9368, 0.9942



0.4374, 0.3520, 0.0449

Inverse Universe

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



29.6759, 32.8425, 43.8053



50.2939, 56.3040, 79.0227



26.7052, 26.9011, 42.8150



8.0021, 8.6035, 10.1916



10.0002, 11.1342, 30.6666



0.3263, 0.4061, 0.8692

Previews

White Background



This preview shows how the XYZ color 31.7501, 31.3593, 26.9338 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 31.7501, 31.3593, 26.9338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

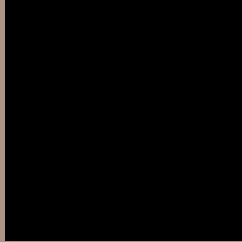
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.7501, 31.3593, 26.9338

Background



This preview shows how black text looks on a background with the XYZ color 31.7501, 31.3593, 26.9338.



This preview shows how white text looks on a background with the XYZ color 31.7501, 31.3593,

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

31.7501, 31.3593, 26.9338

Protanopia

29.7727, 31.5031, 27.8041

Deuteranopia

31.9704, 31.4729, 26.9441



Tritanopia

33.5688, 31.4270, 35.3071

Trichromacy



Original Color

31.7501, 31.3593, 26.9338

Protanomaly

30.3838, 31.3485, 27.3711

Deuteranomaly

31.9704, 31.4729, 26.9441

Tritanomaly

32.8474, 31.3561, 31.9248

Monochromacy



Original Color

31.7501, 31.3593, 26.9338

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.7521, 31.6821, 31.6886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7501, 31.3593, 26.9338 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(172, 147, 134)` looks like.

```
.text, #text, p{  
    color:rgb(172, 147, 134)  
}
```

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(172, 147, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 147, 134) }
```

Border

The CSS property to change the border of an element to XYZ 31.7501, 31.3593, 26.9338 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(172, 147, 134) }
```


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

```
.border{ border-color:rgb(172, 147, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 147, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 147, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 147, 134);  
box-shadow:4px 4px 4px 4px rgb(172, 147,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7501, 31.3593, 26.9338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 147, 134) }
```

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

```
.background{ background-color: rgb(172,  
147, 134) }
```

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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