

Converting Colors

XYZ(31.9485, 32.0235, 27.5154)

Have a look what the booklet for
XYZ(31.9485, 32.0235, 27.5154)
contains.

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Color

**XYZ(31.9152, 31.9021,
27.3973)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9587
RGB	171, 149, 135
RGB Percent	67%, 58%, 53%
CMY	0.3294, 0.4157, 0.4706
CMYK	0.00, 0.13, 0.21, 0.33
HSL	23°, 18%, 60%
HSV	23°, 21%, 67%
XYZ	31.9152, 31.9021, 27.3973
YIQ	153.9820, 17.6060, 0.3100

Conversions

Conversions Part 2

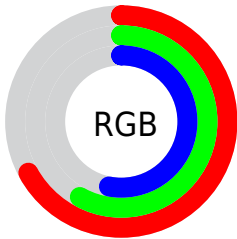
Format	Color
RYB	171, 158, 135
Decimal	11244935
CIELab	63.26, 5.88, 10.39
CIELCh	63, 11.943, 60.496
Yxy	31.9021, 0.3499, 0.3497
Android (android.graphics.Color)	4289435015 (0xFFAB9587)
YUV	153.9820, -9.3581, 14.9248
Hunter-Lab	56.4819, 2.0183, 10.7780

Details

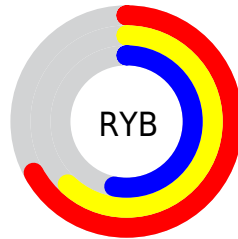
The XYZ color **31.9152, 31.9021, 27.3973** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.3991, 32.2043, 43.1948**, and the grayscale version is **30.7423, 32.3433, 35.2219**.

A 20% lighter version of the original color is **62.1116, 62.6736, 56.4005**, and **13.4786, 13.2428, 10.4400** is the 20% darker color. If you saturate the color by 10%, you get **29.2273, 28.3005, 21.0309**, and if you desaturate by 10%, it is **34.9466, 35.8806, 34.8330**.

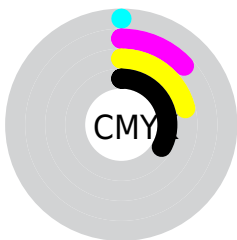
Distribution



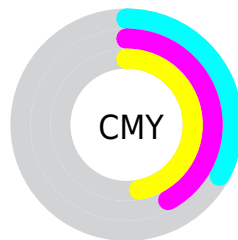
- Red (67%)
- Green (58%)
- Blue (53%)



- Red (67%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (33%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9152, 31.9021, 27.3973 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 31.9152, 31.9021, 27.3973 by changing the saturation by 10% instead.

 31.9152, 31.9021,
27.3973


 31.9152, 31.9021,
27.3973


302.4849,
310.6730, 303.3965

 21.4520, 21.2867,
17.6368


 62.0442, 62.6576,
56.5322

 13.5691, 13.3338,
10.5228


 82.4407, 83.5665,
76.7437

 7.9013, 7.6588,
5.6368

 106.8790,
108.6754, 101.2759

 4.0831, 3.8774,
2.5603

135.7245,
138.3686, 130.5473

 1.7493, 1.6052,
0.8719

169.3424,
173.0306, 164.9765

 0.4868, 0.3611,
0.0000

208.0983,

 0.0000, 0.0000,

213.0457, 204.9821

0.0000

252.3573,
258.7984, 250.9826

■ 31.9152, 31.9021,
27.3973

■ 31.9152, 31.9021,
27.3973

■ 29.2273, 28.3005,
21.0309

■ 34.9466, 35.8806,
34.8330

■ 26.8671, 25.0601,
15.6819

■ 38.3312, 40.2425,
43.3826

■ 24.8216, 22.1701,
11.2973


■ 42.0816, 44.9998,
53.0904


■ 23.0756, 19.6179,
7.8181


■ 46.2088, 50.1624,
63.9979


■ 21.6125, 17.3895,
5.1789


■ 50.7235, 55.7401,
76.1443


 20.4138, 15.4703,
3.3054


 55.6360, 61.7420,
89.5673

 19.4582, 13.8437,
2.1098

 60.9559, 68.1773,
104.3028

 18.7732, 12.6150,
1.4455

 63.8680, 73.9247,
105.5104

 66.9071, 80.0029,
106.5235

Harmonies

Analogous

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



33.1454, 31.9021, 30.3162



31.9152, 31.9021, 27.3973



30.2945, 31.9021, 26.4017

Triad

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



31.9152, 31.9021, 27.3973



27.2520, 31.9021, 34.8149



31.9646, 31.9021, 43.1892

Complementary

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



31.9152, 31.9021, 27.3973



29.3991, 32.2043, 43.1948

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.



30.3495, 31.9021, 44.6620



31.9152, 31.9021, 27.3973



27.6636, 31.9021, 39.5657

Square

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



31.9152, 31.9021, 27.3973



27.6377, 31.9021, 30.4411



28.7827, 31.9021, 43.2804



33.1747, 31.9021, 39.4170

Rectangle

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



31.9152, 31.9021, 27.3973



29.2221, 31.9021, 26.8845



28.7827, 31.9021, 43.2804



31.4491, 31.9021, 43.9841

Sweetspot

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



31.9161, 31.9035, 27.3980



65.5048, 68.0365, 69.7027



31.5618, 28.4274, 35.8117



14.5235, 15.0636, 15.3311



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.



31.9161, 31.9035, 27.3980



54.9718, 54.2234, 43.8319



34.9501, 37.9716, 28.4093



8.2512, 8.5072, 8.4205



14.2002, 9.6059, 1.1057



0.4491, 0.3754, 0.0488

Inverse Universe

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



29.3991, 32.2043, 43.1948



49.6902, 54.8513, 76.9703



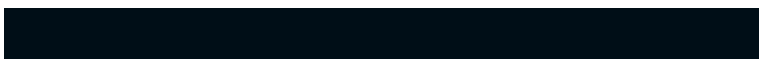
26.6044, 26.6148, 42.2632



7.9708, 8.5409, 10.1812



9.3622, 9.8582, 30.4539



0.3115, 0.3764, 0.8642

Previews

White Background



This preview shows how the XYZ color 31.9152, 31.9021, 27.3973 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 31.9152, 31.9021, 27.3973 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 31.9152, 31.9021, 27.3973

Background



This preview shows how black text looks on a background with the XYZ color 31.9152, 31.9021, 27.3973.



This preview shows how white text looks on a background with the XYZ color 31.9152, 31.9021,

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

31.9152, 31.9021, 27.3973

Protanopia

30.4038, 32.0622, 28.2531

Deuteranopia

32.6423, 32.0430, 27.3862



Tritanopia

33.8202, 31.9908, 36.2906

Trichromacy



Original Color

31.9152, 31.9021, 27.3973

Protanomaly

30.9820, 32.1266, 27.8607

Deuteranomaly

32.4186, 31.9277, 27.3757

Tritanomaly

33.0921, 31.9216, 32.8511

Monochromacy



Original Color

31.9152, 31.9021, 27.3973

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.9919, 32.0366, 32.1540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9152, 31.9021, 27.3973 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(171, 149, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 149, 135)  
}
```

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(171, 149, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 149, 135) }
```

Border

The CSS property to change the border of an element to XYZ 31.9152, 31.9021, 27.3973 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(171, 149, 135) }
```


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

```
.border{ border-color:rgb(171, 149, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 149, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 149, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 149, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 149,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9152, 31.9021, 27.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 149, 135) }
```

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

```
.background{ background-color: rgb(171,  
149, 135) }
```

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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