

Converting Colors

XYZ(32.0484, 31.8430, 27.3792)

Have a look what the booklet for
XYZ(32.0484, 31.8430, 27.3792)
contains.

| | |
|--|----|
| XYZ(31.9763, 31.6997, 27.3550) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(31.9763, 31.6997,
27.3550)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | AC9487 |
| RGB | 172, 148, 135 |
| RGB Percent | 67%, 58%, 53% |
| CMY | 0.3255, 0.4196, 0.4706 |
| CMYK | 0.00, 0.14, 0.22, 0.33 |
| HSL | 21°, 18%, 60% |
| HSV | 21°, 22%, 67% |
| XYZ | 31.9763, 31.6997, 27.3550 |
| YIQ | 153.6940, 18.4770, 1.0450 |

Conversions

Conversions Part 2

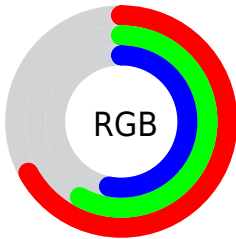
| Format | Color |
|-------------------------------------|--|
| RYB | 172, 155, 135 |
| Decimal | 11310215 |
| CIELab | 63.09, 6.83, 10.17 |
| CIELCh | 63, 12.249, 56.125 |
| Yxy | 31.6997, 0.3513, 0.3482 |
| Android (android.graphics.Color) | 4289500295 (0xFFAC9487) |
| YUV | 153.6940, -9.2161, 16.0544 |
| Hunter-Lab | 56.3025, 2.8475, 10.6052 |

Details

The XYZ color **31.9763, 31.6997, 27.3550** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8359, 32.9249, 43.8125**, and the grayscale version is **30.6151, 32.2095, 35.0762**.

A 20% lighter version of the original color is **62.1925, 62.3659, 56.3369**, and **13.5221, 13.1272, 10.4154** is the 20% darker color. If you saturate the color by 10%, you get **29.1957, 27.9224, 20.9284**, and if you desaturate by 10%, it is **35.1229, 35.8954, 34.8696**.

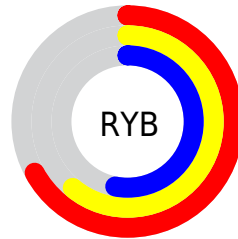
Distribution



Red (67%)

Green (58%)

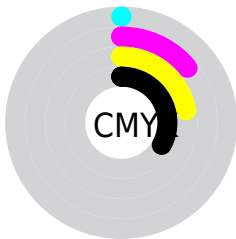
Blue (53%)



Red (67%)

Yellow (61%)

Blue (53%)

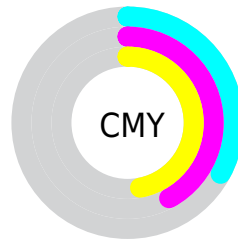


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (33%)



Cyan (33%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9763, 31.6997, 27.3550 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 31.9763, 31.6997, 27.3550 by changing the saturation by 10% instead.

■ 31.9763, 31.6997,
27.3550

■ 31.9763, 31.6997,
27.3550

302.7585,
309.7490, 303.1863

■ 21.4989, 21.1322,
17.6052

■ 62.1394, 62.3400,
56.4636

■ 13.6037, 13.2207,
10.5004

■ 82.5557, 83.1817,
76.6596

■ 7.9254, 7.5807,
5.6221

■ 107.0157,
108.2168, 101.1747

■ 4.0986, 3.8278,
2.5516

135.8848,
137.8299, 130.4275

■ 1.7581, 1.5777,
0.8673

169.5283,
172.4052, 164.8365

■ 0.4922, 0.3425,
0.0000

208.3114,

■ 0.0000, 0.0000,

212.3273, 204.8203

0.0000

252.5997,
257.9804, 250.7973

■ 31.9763, 31.6997,
27.3550

■ 31.9763, 31.6997,
27.3550

■ 29.1957, 27.9224,
20.9284

■ 35.1229, 35.8954,
34.8696

■ 26.7645, 24.5460,
15.5369

■ 38.6463, 40.5179,
43.5178

■ 24.6684, 21.5579,
11.1260

■ 42.5599, 45.5806,
53.3450

■ 22.8911, 18.9434,
7.6353

■ 46.8758, 51.0952,
64.3936

■ 21.4147, 16.6863,
4.9980

■ 51.6053, 57.0726,
76.7038

■ 20.2192, 14.7696,
3.1375

■ 56.7596, 63.5236,
90.3138

■ 19.2817, 13.1741,
1.9638

■ 62.2843, 70.4327,
104.9199

■ 18.6528, 12.0496,
1.3427

■ 65.4188, 76.7015,
105.9647

■ 68.7542, 83.3724,
107.0765

Harmonies

Analogous

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



33.1405, 31.6997, 30.5800



31.9763, 31.6997, 27.3550



30.3496, 31.6997, 26.0427

Triad

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



31.9763, 31.6997, 27.3550



27.0042, 31.6997, 33.8908



31.5824, 31.6997, 43.5579

Complementary

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



31.9763, 31.6997, 27.3550



29.8359, 32.9249, 43.8125

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.



29.9107, 31.6997, 44.6518



31.9763, 31.6997, 27.3550



27.3068, 31.6997, 38.7752

Square

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



31.9763, 31.6997, 27.3550



27.5129, 31.6997, 29.5866



28.3554, 31.6997, 42.8280



32.9072, 31.6997, 39.9637

Rectangle

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



31.9763, 31.6997, 27.3550



29.2366, 31.6997, 26.3293



28.3554, 31.6997, 42.8280



31.0406, 31.6997, 44.2438

Sweetspot

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



31.9772, 31.7011, 27.3557



67.0853, 69.5529, 71.4752



31.9399, 28.6039, 36.6616



14.4927, 15.0020, 15.3209



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.



31.9772, 31.7011, 27.3557



55.4299, 54.0210, 43.6090



35.1048, 37.9565, 28.3982



8.2269, 8.4586, 8.4124



13.9280, 9.0616, 1.0150



0.4398, 0.3567, 0.0457

Inverse Universe

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



29.8359, 32.9249, 43.8125



50.8145, 56.6526, 79.0626



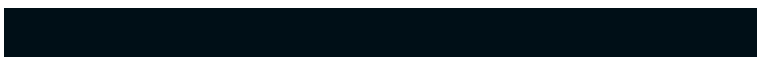
26.8971, 27.0472, 42.8329



7.9959, 8.5911, 10.1895



9.8694, 10.8727, 30.6230



0.3233, 0.4001, 0.8682

Previews

White Background



This preview shows how the XYZ color 31.9763, 31.6997, 27.3550 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 31.9763, 31.6997, 27.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

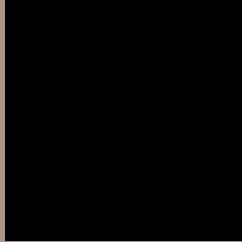
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.9763, 31.6997, 27.3550

Background



This preview shows how black text looks on a background with the XYZ color 31.9763, 31.6997, 27.3550.



This preview shows how white text looks on a background with the XYZ color 31.9763, 31.6997,

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

31.9763, 31.6997, 27.3550

Protanopia

30.0417, 31.6335, 28.1894

Deuteranopia

32.2625, 31.6154, 27.3236



Tritanopia

33.8053, 31.7651, 35.8020

Trichromacy



Original Color

31.9763, 31.6997, 27.3550

Protanomaly

30.8204, 31.8033, 27.8068

Deuteranomaly

32.0405, 31.5009, 27.3132

Tritanomaly

33.0797, 31.6946, 32.3911

Monochromacy



Original Color

31.9763, 31.6997, 27.3550

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.1926, 32.1401, 32.1634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9763, 31.6997, 27.3550 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, 148, 135)` looks like.

```
.text, #text, p{  
    color:rgb(172, 148, 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(172, 148, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 148, 135) }
```

Border

The CSS property to change the border of an element to XYZ 31.9763, 31.6997, 27.3550 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, 148, 135) }
```


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

```
.border{ border-color:rgb(172, 148, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 148, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 148, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 148, 135);  
box-shadow:4px 4px 4px 4px rgb(172, 148,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9763, 31.6997, 27.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 148, 135) }
```

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

```
.background{ background-color: rgb(172,  
148, 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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