

Converting Colors

XYZ(31.0583, 32.6147, 18.5682)

Have a look what the booklet for
XYZ(31.0583, 32.6147, 18.5682)
contains.

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Color

**XYZ(31.0583, 32.6147,
18.5682)**

Conversions

Conversions Part 1

Format	Color
Hex	AC996B
RGB	172, 153, 107
RGB Percent	67%, 60%, 42%
CMY	0.3255, 0.4000, 0.5804
CMYK	0.00, 0.11, 0.38, 0.33
HSL	42°, 28%, 55%
HSV	42°, 38%, 67%
XYZ	31.0583, 32.6147, 18.5682
YIQ	153.4370, 26.0900, -10.2780

Conversions

Conversions Part 2

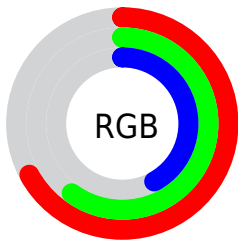
Format	Color
RYB	134, 172, 107
Decimal	11311467
CIELab	63.85, 0.22, 26.76
CIELCh	64, 26.760, 89.533
Yxy	32.6147, 0.3776, 0.3966
Android (android.graphics.Color)	4289501547 (0xFFAC996B)
YUV	153.4370, -22.8934, 16.2798
Hunter-Lab	57.1093, -2.8658, 20.6993

Details

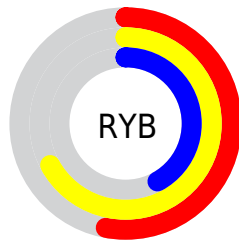
The XYZ color **31.0583, 32.6147, 18.5682** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.9703, 21.0252, 41.9826**, and the grayscale version is **30.5583, 32.1497, 35.0111**.

A 20% lighter version of the original color is **60.5657, 63.6228, 41.8892**, and **13.0120, 13.6701, 6.0905** is the 20% darker color. If you saturate the color by 10%, you get **29.4367, 30.6784, 13.9987**, and if you desaturate by 10%, it is **32.8962, 34.6953, 24.0987**.

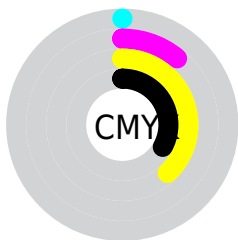
Distribution



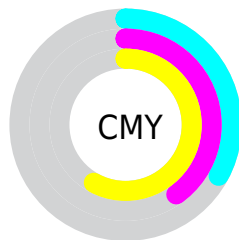
- Red (67%)
- Green (60%)
- Blue (42%)



- Red (53%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0583, 32.6147, 18.5682 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 31.0583, 32.6147, 18.5682 by changing the saturation by 10% instead.

■ 31.0583, 32.6147,
18.5682

■ 31.0583, 32.6147,
18.5682

298.6289,
313.9100, 256.3973

■ 20.7953, 21.8314,
11.1850

■ 60.7071, 63.7735,
41.8301

■ 13.0861, 13.7331,
6.0757

■ 80.8235, 84.9179,
58.5459

■ 7.5652, 7.9353,
2.8216

■ 104.9552,
110.2847, 79.2097

■ 3.8675, 4.0536,
1.0043

■ 133.4674,
140.2584, 104.2401

■ 1.6274, 1.7036,
0.0000

166.7255,
175.2234, 134.0554

■ 0.4102, 0.4260,
0.0000

205.0949,

■ 0.0000, 0.0000,

215.5641, 169.0744

0.0000

248.9409,
261.6648, 209.7155

■ 31.0583, 32.6147,
18.5682

■ 31.0583, 32.6147,
18.5682

■ 29.4367, 30.6784,
13.9987

■ 32.8962, 34.6953,
24.0987

■ 28.0178, 28.8768,
10.3314

■ 34.9583, 36.9206,
30.6400

■ 26.7902, 27.2059,
7.5044

■ 37.2548, 39.2964,
38.2412

■ 25.7400, 25.6592,
5.4469

■ 39.7948, 41.8270,
46.9473

■ 24.8511, 24.2298,
4.0766

■ 42.5867, 44.5163,
56.8008

■ 24.0979, 22.9067,
3.2605

■ 45.6384, 47.3683,
67.8419

■ 23.9402, 22.6247,
3.1052

■ 48.9576, 50.3866,
80.1089

■ 52.5517, 53.5746,
93.6385

■ 55.3129, 56.4900,
102.5961

Harmonies

Analogous

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



34.8121, 32.6147, 20.4861



31.0583, 32.6147, 18.5682



27.5699, 32.6147, 20.3693

Triad

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



31.0583, 32.6147, 18.5682



25.1239, 32.6147, 46.7289



37.6587, 32.6147, 47.0810

Complementary

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



31.0583, 32.6147, 18.5682



20.9703, 21.0252, 41.9826

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.



34.7019, 32.6147, 56.7491



31.0583, 32.6147, 18.5682



27.4756, 32.6147, 56.5186

Square

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



31.0583, 32.6147, 18.5682



24.3163, 32.6147, 35.3432



30.9404, 32.6147, 60.5058



38.8067, 32.6147, 35.6810

Rectangle

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



31.0583, 32.6147, 18.5682



25.8172, 32.6147, 23.6959



30.9404, 32.6147, 60.5058



36.8322, 32.6147, 50.7190

Sweetspot

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



31.0591, 32.6162, 18.5689



66.1177, 69.7900, 64.4558



26.0693, 20.8056, 22.5504



14.2500, 15.0444, 13.6127



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.



31.0591, 32.6162, 18.5689



53.9565, 56.3327, 26.9065



31.7045, 37.9374, 19.5620



8.4620, 8.9288, 8.4908



17.8646, 16.9347, 2.3272



0.5411, 0.5594, 0.0795

Inverse Universe

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



20.9703, 21.0252, 41.9826



33.1173, 32.4052, 75.3151



20.4501, 17.4874, 41.3271



7.7625, 8.1244, 10.1117



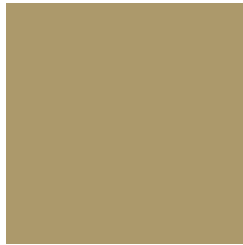
6.4408, 4.0155, 29.4801



0.2270, 0.2073, 0.8360

Previews

White Background



This preview shows how the XYZ color 31.0583, 32.6147, 18.5682 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 31.0583, 32.6147, 18.5682 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 31.0583, 32.6147, 18.5682

Background



This preview shows how black text looks on a background with the XYZ color 31.0583, 32.6147, 18.5682.



This preview shows how white text looks on a background with the XYZ color 31.0583, 32.6147,

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

31.0583, 32.6147, 18.5682

Protanopia

30.3645, 32.7409, 18.9066

Deuteranopia

33.0638, 32.4529, 18.7087



Tritanopia

34.5819, 32.3735, 36.7738

Trichromacy



Original Color

31.0583, 32.6147, 18.5682

Protanomaly

30.6246, 32.6289, 18.8713

Deuteranomaly

32.4355, 32.5987, 18.7700

Tritanomaly

33.0868, 32.4729, 28.9501

Monochromacy



Original Color

31.0583, 32.6147, 18.5682

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3324, 32.0336, 27.8770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0583, 32.6147, 18.5682 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, 153, 107)` looks like.

```
.text, #text, p{  
    color:rgb(172, 153, 107)  
}
```

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, 153, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 153, 107) }
```

Border

The CSS property to change the border of an element to XYZ 31.0583, 32.6147, 18.5682 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, 153, 107) }
```


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

```
.border{ border-color:rgb(172, 153, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 153, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 153, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 153, 107);  
box-shadow:4px 4px 4px 4px rgb(172, 153,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0583, 32.6147, 18.5682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 153, 107) }
```

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

```
.background{ background-color: rgb(172,  
153, 107) }
```

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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