

Converting Colors

XYZ(23.0269, 21.9076, 16.3795)

Have a look what the booklet for
XYZ(23.0269, 21.9076, 16.3795)
contains.

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Color

**XYZ(23.0269, 21.9076,
16.3795)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7A69
RGB	155, 122, 105
RGB Percent	61%, 48%, 41%
CMY	0.3922, 0.5216, 0.5882
CMYK	0.00, 0.21, 0.32, 0.39
HSL	20°, 20%, 51%
HSV	20°, 32%, 61%
XYZ	23.0269, 21.9076, 16.3795
YIQ	129.9290, 25.1250, 1.7090

Conversions

Conversions Part 2

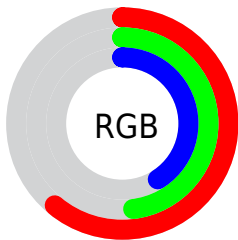
Format	Color
R_{YB}	155, 131, 105
Decimal	10189417
CIE Lab	53.93, 10.28, 14.20
CIE LCh	54, 17.531, 54.091
Yxy	21.9076, 0.3756, 0.3573
Android (android.graphics.Color)	4288379497 (0xFF9B7A69)
YUV	129.9290, -12.2900, 21.9873
Hunter-Lab	46.8056, 5.9068, 12.0155

Details

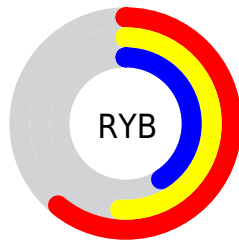
The XYZ color **23.0269, 21.9076, 16.3795** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.8302, 23.5458, 34.4573**, and the grayscale version is **21.2294, 22.3349, 24.3227**.

A 20% lighter version of the original color is **47.7151, 46.3740, 37.8887**, and **8.7398, 7.9541, 5.0777** is the 20% darker color. If you saturate the color by 10%, you get **21.1113, 19.2371, 12.1623**, and if you desaturate by 10%, it is **25.2211, 24.9027, 21.4065**.

Distribution



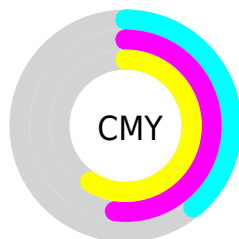
- Red (61%)
- Green (48%)
- Blue (41%)



- Red (61%)
- Yellow (51%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (39%)



- Cyan (39%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0269, 21.9076, 16.3795 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 23.0269, 21.9076, 16.3795 by changing the saturation by 10% instead.

■ 23.0269, 21.9076,
16.3795

■ 23.0269, 21.9076,
16.3795

260.3959,
262.0634, 243.4925

■ 14.7342, 13.7890,
9.6358

■ 47.9038, 46.5932,
38.0317

■ 8.7181, 7.9741,
5.0558

■ 65.2187, 63.9291,
53.7773

■ 4.6134, 4.0784,
2.2207

■ 86.2718, 85.1061,
73.3607

■ 2.0547, 1.7175,
0.6863

■ 111.4282,
110.5088, 97.2003

■ 0.6644, 0.4349,
0.0000

141.0535,
140.5214, 125.7148

■ 0.0000, 0.0000,
0.0000

175.5130,

175.5285, 159.3226

215.1720,
215.9143, 198.4423

■ 23.0269, 21.9076,
16.3795

■ 23.0269, 21.9076,
16.3795

■ 21.1113, 19.2371,
12.1623

■ 25.2211, 24.9027,
21.4065

■ 19.4606, 16.8769,
8.7106

■ 27.7034, 28.2299,
27.2817

■ 18.0624, 14.8158,
5.9779

■ 30.4849, 31.9006,
34.0426

■ 16.9027, 13.0411,
3.9119

■ 33.5756, 35.9245,
41.7241

■ 15.9656, 11.5387,
2.4533

■ 36.9850, 40.3108,
50.3593

■ 15.2331, 10.2934,
1.5318

■ 40.7221, 45.0687,
59.9794

■ 14.7776, 9.4885,
1.0526

■ 44.7957, 50.2066,
70.6145

■ 49.2142, 55.7331,
82.2931

■ 53.9856, 61.6561,
95.0427

Harmonies

Analogous

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



24.3185, 21.9076, 19.8535



23.0269, 21.9076, 16.3795



21.1988, 21.9076, 14.9285

Triad

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



23.0269, 21.9076, 16.3795



17.4137, 21.9076, 22.7984



22.3410, 21.9076, 34.6692

Complementary

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



23.0269, 21.9076, 16.3795



20.8302, 23.5458, 34.4573

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.



20.4507, 21.9076, 35.7727



23.0269, 21.9076, 16.3795



17.6788, 21.9076, 28.3580

Square

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



23.0269, 21.9076, 16.3795



18.0162, 21.9076, 18.2566



18.7635, 21.9076, 33.3129



23.9060, 21.9076, 30.4915

Rectangle

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



23.0269, 21.9076, 16.3795



19.9504, 21.9076, 15.1179



18.7635, 21.9076, 33.3129



21.7197, 21.9076, 35.4360

Sweetspot

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



23.0275, 21.9086, 16.3799



50.5969, 51.8617, 51.2239



23.1809, 18.9165, 26.6011



11.3106, 11.5505, 11.2527



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.0275, 21.9086, 16.3799



38.6195, 35.5932, 23.5357



26.4494, 28.7524, 17.5206



6.3720, 6.5490, 6.5341



11.9019, 7.6863, 0.8563



0.2094, 0.1778, 0.0233

Inverse Universe

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



20.8302, 23.5458, 34.4573



34.0253, 38.9964, 61.2700



17.6847, 17.2548, 33.4088



6.2076, 6.6725, 7.8897



8.6274, 9.6516, 26.3159



0.1624, 0.2111, 0.4046

Previews

White Background



This preview shows how the XYZ color 23.0269, 21.9076, 16.3795 looks on a white background.

Color Contrast Check

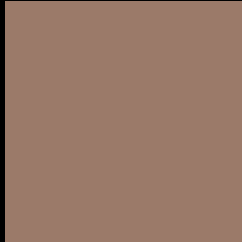
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0269, 21.9076, 16.3795 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 23.0269, 21.9076, 16.3795

Background



This preview shows how black text looks on a background with the XYZ color 23.0269, 21.9076, 16.3795.



This preview shows how white text looks on a background with the XYZ color 23.0269, 21.9076,

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

23.0269, 21.9076, 16.3795

Protanopia

20.7104, 22.0175, 17.3456

Deuteranopia

22.3351, 21.9193, 16.4183



Tritanopia

24.3977, 21.9203, 23.3672

Trichromacy



Original Color

23.0269, 21.9076, 16.3795

Protanomaly

21.4424, 21.8229, 16.9920

Deuteranomaly

22.5817, 21.8612, 16.3941

Tritanomaly

23.8169, 21.8569, 20.7328

Monochromacy



Original Color

23.0269, 21.9076, 16.3795

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6880, 22.0482, 21.2018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0269, 21.9076, 16.3795 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(155, 122, 105)` looks like.

```
.text, #text, p{  
    color:rgb(155, 122, 105)  
}
```

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(155, 122, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 122, 105) }
```

Border

The CSS property to change the border of an element to XYZ 23.0269, 21.9076, 16.3795 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(155, 122, 105) }
```


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

```
.border{ border-color:rgb(155, 122, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 122, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 122, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 122, 105);  
box-shadow:4px 4px 4px 4px rgb(155, 122,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0269, 21.9076, 16.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 122, 105) }
```

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

```
.background{ background-color: rgb(155,  
122, 105) }
```

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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