

Converting Colors

XYZ(28.9181, 31.5255, 6.9445)

Have a look what the booklet for
XYZ(28.9181, 31.5255, 6.9445)
contains.

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Color

**XYZ(28.9164, 31.5226,
6.9433)**

Conversions

Conversions Part 1

Format	Color
Hex	AD982C
RGB	173, 152, 44
RGB Percent	68%, 60%, 17%
CMY	0.3216, 0.4039, 0.8274
CMYK	0.00, 0.12, 0.75, 0.32
HSL	50°, 59%, 43%
HSV	50°, 75%, 68%
XYZ	28.9164, 31.5226, 6.9433
YIQ	145.9670, 47.1840, -29.1360

Conversions

Conversions Part 2

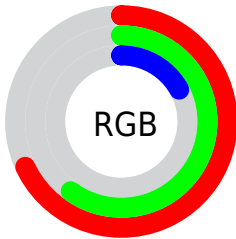
Format	Color
RYB	69, 173, 44
Decimal	11376684
CIELab	62.95, -4.00, 56.21
CIELCh	63, 56.353, 94.073
Yxy	31.5226, 0.4291, 0.4678
Android (android.graphics.Color)	4289566764 (0xFFAD982C)
YUV	145.9670, -50.2697, 23.7079
Hunter-Lab	56.1450, -6.3207, 31.9693

Details

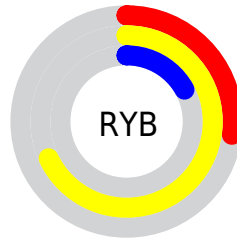
The XYZ color **28.9164, 31.5226, 6.9433** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.4718, 7.3330, 40.3982**, and the grayscale version is **27.4949, 28.9268, 31.5013**.

A 20% lighter version of the original color is **57.1840, 61.9946, 20.2615**, and **11.9898, 13.0893, 1.8946** is the 20% darker color. If you saturate the color by 10%, you get **28.2052, 30.5168, 5.4228**, and if you desaturate by 10%, it is **29.7754, 32.6073, 9.1824**.

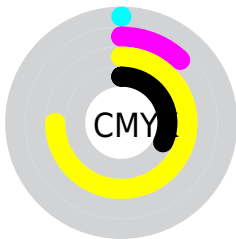
Distribution



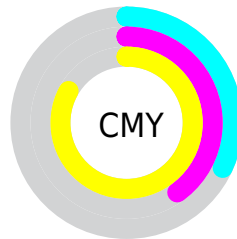
- Red (68%)
- Green (60%)
- Blue (17%)



- Red (27%)
- Yellow (68%)
- Blue (17%)



- Cyan (0%)
- Magenta (12%)
- Yellow (75%)
- Black (32%)



- Cyan (32%)
- Magenta (40%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9164, 31.5226, 6.9433 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 28.9164, 31.5226, 6.9433 by changing the saturation by 10% instead.

■ 28.9164, 31.5226,
6.9433

■ 28.9164, 31.5226,
6.9433

288.8216,
308.9388, 176.8048

■ 19.1616, 20.9971,
3.3488

■ 57.3427, 62.0619,
20.3700

■ 11.8918, 13.1219,
1.2754

■ 76.7449, 82.8446,
31.0392

■ 6.7417, 7.5125,
0.0415

■ 100.0936,
107.8150, 44.9037

■ 3.3460, 3.7847,
0.0000

■ 127.7541,
137.3577, 62.3821

■ 1.3393, 1.5538,
0.0000

■ 160.0918,
171.8571, 83.8928

■ 0.2123, 0.3262,
0.0000

■ 197.4720,

■ 0.0000, 0.0000,

211.6974, 109.8545

0.0000

240.2602,
257.2632, 140.6856

■ 28.9164, 31.5226,
6.9433

■ 28.9164, 31.5226,
6.9433

■ 28.2052, 30.5168,
5.4228

■ 29.7754, 32.6073,
9.1824

■ 27.6215, 29.5780,
4.5234

■ 30.7952, 33.7727,
12.2174

■ 27.3348, 29.0871,
4.1737

■ 31.9895, 35.0254,
16.1177

■ 33.3702, 36.3704,
20.9443

■ 34.9478, 37.8120,
26.7532

■ 36.7322, 39.3542,
33.5956

■ 38.7325, 41.0008,
41.5192

■ 40.9572, 42.7554,
50.5687

■ 43.4145, 44.6212,
60.7864

Harmonies

Analogous

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



36.9521, 31.5226, 8.4868



28.9164, 31.5226, 6.9433



22.3716, 31.5226, 9.7365

Triad

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



28.9164, 31.5226, 6.9433



19.2455, 31.5226, 64.1745



45.4412, 31.5226, 56.5394

Complementary

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



28.9164, 31.5226, 6.9433



10.4718, 7.3330, 40.3982

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.



39.0984, 31.5226, 83.1285



28.9164, 31.5226, 6.9433



23.9129, 31.5226, 88.7098

Square

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



28.9164, 31.5226, 6.9433



17.4312, 31.5226, 37.4406



31.0310, 31.5226, 96.8233



47.3967, 31.5226, 31.3830

Rectangle

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



28.9164, 31.5226, 6.9433



19.4518, 31.5226, 14.8936



31.0310, 31.5226, 96.8233



43.7035, 31.5226, 65.9047

Sweetspot

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



28.9171, 31.5241, 6.9439



63.2552, 68.3068, 50.4245



19.1030, 11.0733, 6.2083



13.5750, 14.6928, 10.3098



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.



28.9171, 31.5241, 6.9439



49.8635, 53.6337, 8.6262



24.6041, 34.8146, 7.8064



8.5500, 9.1049, 8.5202



20.1169, 21.4393, 3.0779



0.5887, 0.6546, 0.0953

Inverse Universe

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



10.4718, 7.3330, 40.3982



15.3745, 8.5511, 71.6460



12.3743, 6.8451, 40.2037



7.6803, 7.9600, 10.0843



5.8781, 2.8900, 29.2925



0.1947, 0.1427, 0.8253

Previews

White Background



This preview shows how the XYZ color 28.9164, 31.5226, 6.9433 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 28.9164, 31.5226, 6.9433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

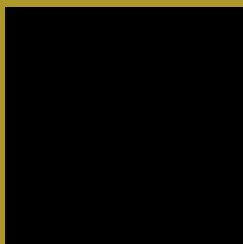
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9164, 31.5226, 6.9433

Background



This preview shows how black text looks on a background with the XYZ color 28.9164, 31.5226, 6.9433.



This preview shows how white text looks on a background with the XYZ color 28.9164, 31.5226,

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

28.9164, 31.5226, 6.9433

Protanopia

28.6404, 31.6222, 6.9771

Deuteranopia

32.1243, 31.5324, 7.0825



Tritanopia

34.4788, 31.4697, 34.3940

Trichromacy



Original Color

28.9164, 31.5226, 6.9433

Protanomaly

28.8591, 31.7350, 6.9873

Deuteranomaly

30.8502, 31.5674, 7.0519

Tritanomaly

31.6196, 31.2150, 19.9813

Monochromacy



Original Color

28.9164, 31.5226, 6.9433

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.0605, 29.3519, 18.7072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9164, 31.5226, 6.9433 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(173, 152, 44)` looks like.

```
.text, #text, p{  
    color:rgb(173, 152, 44)  
}
```

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(173, 152, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 152, 44) }
```

Border

The CSS property to change the border of an element to XYZ 28.9164, 31.5226, 6.9433 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(173, 152, 44) }
```


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

```
.border{ border-color:rgb(173, 152, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 152, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 152, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 152, 44);  
box-shadow:4px 4px 4px 4px rgb(173, 152,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9164, 31.5226, 6.9433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 152, 44) }
```

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

```
.background{ background-color: rgb(173,  
152, 44) }
```

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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