

Converting Colors

XYZ(28.2468, 27.7063, 9.9900)

Have a look what the booklet for
XYZ(28.2468, 27.7063, 9.9900)
contains.

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Color

**XYZ(28.2468, 27.7063,
9.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	B18948
RGB	177, 137, 72
RGB Percent	69%, 54%, 28%
CMY	0.3059, 0.4627, 0.7176
CMYK	0.00, 0.23, 0.59, 0.31
HSL	37°, 42%, 49%
HSV	37°, 59%, 69%
XYZ	28.2468, 27.7063, 9.9900
YIQ	141.5500, 44.7050, -11.7350

Conversions

Conversions Part 2

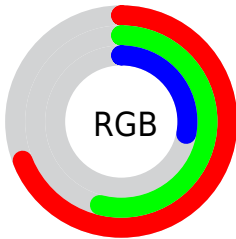
Format	Color
RYB	137, 177, 72
Decimal	11635016
CIELab	59.62, 7.71, 40.18
CIELCh	60, 40.911, 79.140
Yxy	27.7063, 0.4284, 0.4202
Android (android.graphics.Color)	4289825096 (0xFFB18948)
YUV	141.5500, -34.2881, 31.0897
Hunter-Lab	52.6368, 3.6752, 25.5930

Details

The XYZ color **28.2468, 27.7063, 9.9900** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.4022, 16.1397, 43.8455**, and the grayscale version is **25.6527, 26.9886, 29.3906**.

A 20% lighter version of the original color is **56.1873, 55.8942, 26.2396**, and **11.4480, 10.9432, 2.3195** is the 20% darker color. If you saturate the color by 10%, you get **26.8219, 25.6515, 7.0649**, and if you desaturate by 10%, it is **29.8991, 29.9501, 13.8116**.

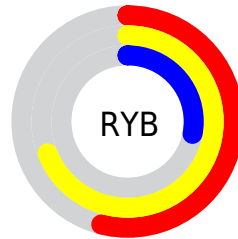
Distribution



Red (69%)

Green (54%)

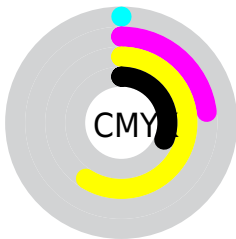
Blue (28%)



Red (54%)

Yellow (69%)

Blue (28%)

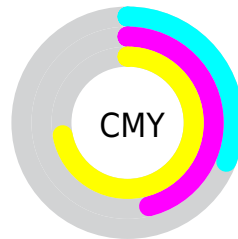


Cyan (0%)

Magenta (23%)

Yellow (59%)

Black (31%)



Cyan (31%)

Magenta (46%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2468, 27.7063, 9.9900 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 28.2468, 27.7063, 9.9900 by changing the saturation by 10% instead.

■ 28.2468, 27.7063,
9.9900

■ 28.2468, 27.7063,
9.9900

285.7031,
291.0608, 201.0829

■ 18.6532, 18.1044,
5.2868

■ 56.2841, 56.0152,
26.3842

■ 11.5225, 11.0250,
2.3548

■ 75.4585, 75.4910,
38.9123

■ 6.4893, 6.0836,
0.7617

■ 98.5573, 99.0268,
54.8858

■ 3.1883, 2.8960,
0.0000

■ 125.9457,
127.0071, 74.7232

■ 1.2541, 1.0777,
0.0000

■ 157.9891,
159.8163, 98.8431

■ 0.1484, 0.0000,
0.0000

195.0529,

■ 0.0000, 0.0000,

197.8387, 127.6640

0.0000

237.5025,
241.4587, 161.6044

■ 28.2468, 27.7063,
9.9900

■ 28.2468, 27.7063,
9.9900

■ 26.8219, 25.6515,
7.0649

■ 29.8991, 29.9501,
13.8116

■ 25.6068, 23.7736,
4.9568

■ 31.7909, 32.3862,
18.5966

■ 24.5836, 22.0648,
3.5750

■ 33.9356, 35.0226,
24.4076

■ 23.7178, 20.5094,
2.7432

■ 36.3449, 37.8656,
31.3012

■ 23.6619, 20.4082,
2.6921

■ 39.0297, 40.9211,
39.3298

■ 42.0002, 44.1948,
48.5426

■ 45.2659, 47.6920,
58.9856

■ 48.8362, 51.4179,
70.7026

■ 52.7197, 55.3774,
83.7351

Harmonies

Analogous

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



33.3682, 27.7063, 13.3839



28.2468, 27.7063, 9.9900



23.2149, 27.7063, 10.5066

Triad

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



28.2468, 27.7063, 9.9900



18.0334, 27.7063, 40.4688



34.5676, 27.7063, 52.8202

Complementary

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



28.2468, 27.7063, 9.9900



16.4022, 16.1397, 43.8455

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.



29.7206, 27.7063, 65.7334



28.2468, 27.7063, 9.9900



20.3651, 27.7063, 57.1444

Square

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



28.2468, 27.7063, 9.9900



17.7471, 27.7063, 25.1270



24.5096, 27.7063, 67.5330



37.3216, 27.7063, 35.8406

Rectangle

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



28.2468, 27.7063, 9.9900



20.5580, 27.7063, 13.0675



24.5096, 27.7063, 67.5330



33.1017, 27.7063, 57.9878

Sweetspot

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



28.2475, 27.7076, 9.9905



65.5575, 68.3535, 57.4227



23.3875, 15.1575, 17.0957



13.9271, 14.4881, 11.6252



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.2475, 27.7076, 9.9905



47.3708, 44.9365, 11.4174



32.3569, 39.8845, 12.1243



8.9197, 9.3519, 8.9875



17.2040, 14.9065, 1.9705



0.5955, 0.5774, 0.0801

Inverse Universe

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



16.4022, 16.1397, 43.8455



24.2978, 22.4640, 77.5507



13.9320, 9.7058, 42.7338



8.2985, 8.7431, 10.7565



7.2769, 5.3543, 30.7869



0.2863, 0.2832, 0.9878

Previews

White Background



This preview shows how the XYZ color 28.2468, 27.7063, 9.9900 looks on a white background.

Color Contrast Check

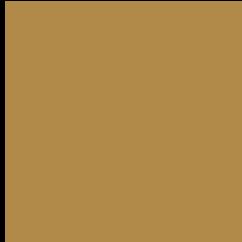
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2468, 27.7063, 9.9900 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 28.2468, 27.7063, 9.9900

Background



This preview shows how black text looks on a background with the XYZ color 28.2468, 27.7063, 9.9900.



This preview shows how white text looks on a background with the XYZ color 28.2468, 27.7063,

9.9900.

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

28.2468, 27.7063, 9.9900

Protanopia

25.5074, 27.8119, 10.5024

Deuteranopia

28.2468, 27.7063, 9.9900



Tritanopia

31.8019, 27.5097, 28.0599

Trichromacy



Original Color

28.2468, 27.7063, 9.9900

Protanomaly

26.4534, 27.6378, 10.2437

Deuteranomaly

28.2468, 27.7063, 9.9900

Tritanomaly

30.1682, 27.4436, 19.9268

Monochromacy



Original Color

28.2468, 27.7063, 9.9900

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.1065, 27.0091, 20.6669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2468, 27.7063, 9.9900 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(177, 137, 72)` looks like.

```
.text, #text, p{  
    color:rgb(177, 137, 72)  
}
```

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(177, 137, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 137, 72) }
```

Border

The CSS property to change the border of an element to XYZ 28.2468, 27.7063, 9.9900 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(177, 137, 72) }
```


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

```
.border{ border-color:rgb(177, 137, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 137, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 137, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 137, 72);  
box-shadow:4px 4px 4px 4px rgb(177, 137,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2468, 27.7063, 9.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 137, 72) }
```

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

```
.background{ background-color: rgb(177,  
137, 72) }
```

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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