

Converting Colors

XYZ(27.2841, 28.8766, 3.8979)

Have a look what the booklet for
XYZ(27.2841, 28.8766, 3.8979)
contains.

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Color

**XYZ(27.4288, 28.9452,
4.1413)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9000
RGB	174, 144, 0
RGB Percent	68%, 56%, 0%
CMY	0.3177, 0.4353, 1.0000
CMYK	0.00, 0.17, 1.00, 0.32
HSL	50°, 100%, 34%
HSV	50°, 100%, 68%
XYZ	27.4288, 28.9452, 4.1413
YIQ	136.5540, 64.1040, -38.4240

Conversions

Conversions Part 2

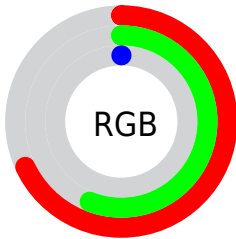
Format	Color
R_{YB}	36, 174, 0
Decimal	11440128
CIE Lab	60.73, -0.33, 65.04
CIE LCh	61, 65.040, 90.292
Yxy	28.9452, 0.4533, 0.4783
Android (android.graphics.Color)	4289630208 (0xFFAE9000)
YUV	136.5540, -67.3211, 32.8401
Hunter-Lab	53.8007, -3.1481, 33.0967

Details

The XYZ color **27.4288, 28.9452, 4.1413** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **8.1044, 3.9848, 40.3860**, and the grayscale version is **23.8395, 25.0810, 27.3132**.

A 20% lighter version of the original color is **55.0353, 57.8799, 14.2325**, and **11.3388, 11.7873, 1.6776** is the 20% darker color. If you saturate the color by 10%, you get **27.4291, 28.9460, 4.1415**, and if you desaturate by 10%, it is **27.9942, 29.9092, 4.8449**.

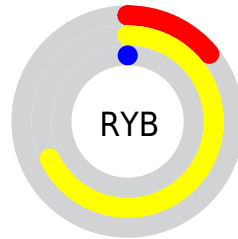
Distribution



Red (68%)

Green (56%)

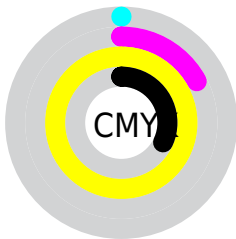
Blue (0%)



Red (14%)

Yellow (68%)

Blue (0%)

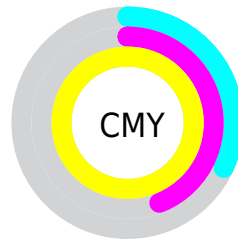


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (44%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4288, 28.9452, 4.1413 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 27.4288, 28.9452, 4.1413 by changing the saturation by 10% instead.


 27.4288, 28.9452,
4.1413


 27.4288, 28.9452,
4.1413


281.8572,
296.9563, 149.7832


 18.0338, 19.0394,
1.7032


 54.9862, 57.9900,
14.3343


 11.0741, 11.6987,
0.3629


 73.8794, 77.8978,
22.9264

 6.1843, 6.5389,
0.0000


 96.6692, 101.9083,
34.4067

 2.9992, 3.1754,
0.0000

 123.7212,
130.4060, 49.1940

 1.1533, 1.2240,
0.0000

 155.4006,
163.7753, 67.7068


 0.0691, 0.0812,
0.0000


 192.0729,


 0.0000, 0.0000,


202.4005, 90.3635


0.0000


 234.1033,
246.6660, 117.5828


 27.4288, 28.9452,
4.1413


 27.4288, 28.9452,
4.1413


 27.4291, 28.9460,
4.1415

 27.9942, 29.9092,
4.8449

 28.6630, 30.9328,
6.0353

 29.4718, 32.0321,
7.9032

 30.4376, 33.2139,
10.5367

 31.5747, 34.4842,
14.0109

■ 32.8957, 35.8480,
18.3917

■ 34.4120, 37.3101,
23.7385

■ 36.1339, 38.8747,
30.1057

■ 38.0711, 40.5460,
37.5435

Harmonies

Analogous

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



36.3640, 28.9452, 5.9293



27.4288, 28.9452, 4.1413



20.1101, 28.9452, 6.0075

Triad

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



27.4288, 28.9452, 4.1413



15.7424, 28.9452, 61.2569



44.1532, 28.9452, 60.6193

Complementary

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



27.4288, 28.9452, 4.1413



8.1044, 3.9848, 40.3860

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.



36.5371, 28.9452, 91.0991



27.4288, 28.9452, 4.1413



20.2267, 28.9452, 91.5813

Square

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



27.4288, 28.9452, 4.1413



14.2640, 28.9452, 31.7542



27.5945, 28.9452, 104.5922



47.1420, 28.9452, 31.2798

Rectangle

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



27.4288, 28.9452, 4.1413



16.8192, 28.9452, 10.1710



27.5945, 28.9452, 104.5922



41.9817, 28.9452, 71.5153

Sweetspot

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



27.4294, 28.9466, 4.1419



62.2637, 67.5305, 42.4925



17.7150, 9.1026, 2.1833



13.5781, 14.7617, 8.5137



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.



27.4294, 28.9466, 4.1419



49.6088, 52.2147, 7.4638



22.7304, 34.1869, 5.4010



8.5434, 9.0917, 8.5180



19.9328, 21.0712, 3.0166



0.5850, 0.6471, 0.0941

Inverse Universe

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



8.1044, 3.9848, 40.3860



14.5878, 7.0025, 73.2196



9.2214, 3.8714, 40.3052



7.6864, 7.9721, 10.0864



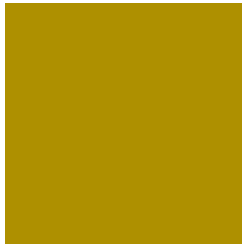
5.9093, 2.9525, 29.3029



0.1971, 0.1475, 0.8261

Previews

White Background



This preview shows how the XYZ color 27.4288, 28.9452, 4.1413 looks on a white background.

Color Contrast Check

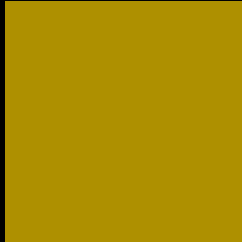
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4288, 28.9452, 4.1413 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 27.4288, 28.9452, 4.1413

Background



This preview shows how black text looks on a background with the XYZ color 27.4288, 28.9452, 4.1413.



This preview shows how white text looks on a background with the XYZ color 27.4288, 28.9452,

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

27.4288, 28.9452, 4.1413

Protanopia

26.1980, 28.9898, 4.4158

Deuteranopia

29.5685, 28.9388, 4.4793



Tritanopia

32.8505, 29.0089, 30.2534

Trichromacy



Original Color

27.4288, 28.9452, 4.1413

Protanomaly

26.6630, 29.0016, 4.3074

Deuteranomaly

28.8711, 29.0168, 4.3663

Tritanomaly

29.6107, 28.5334, 14.0721

Monochromacy



Original Color

27.4288, 28.9452, 4.1413

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6761, 25.9283, 12.7736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4288, 28.9452, 4.1413 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(174, 144, 0)` looks like.

```
.text, #text, p{  
    color:rgb(174, 144, 0)  
}
```

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(174, 144, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 144, 0) }
```

Border

The CSS property to change the border of an element to XYZ 27.4288, 28.9452, 4.1413 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(174, 144, 0) }
```


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

```
.border{ border-color:rgb(174, 144, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 144, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 144, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 144, 0);  
box-shadow:4px 4px 4px 4px rgb(174, 144,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4288, 28.9452, 4.1413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 144, 0) }
```

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

```
.background{ background-color: rgb(174,  
144, 0) }
```

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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