

Converting Colors

XYZ(28.9183, 29.4899, 14.2932)

Have a look what the booklet for
XYZ(28.9183, 29.4899, 14.2932)
contains.

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Color

**XYZ(28.9183, 29.4899,
14.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	AC905C
RGB	172, 144, 92
RGB Percent	67%, 56%, 36%
CMY	0.3255, 0.4353, 0.6392
CMYK	0.00, 0.16, 0.47, 0.33
HSL	39°, 33%, 52%
HSV	39°, 47%, 67%
XYZ	28.9183, 29.4899, 14.2932
YIQ	146.4440, 33.3800, -10.2360

Conversions

Conversions Part 2

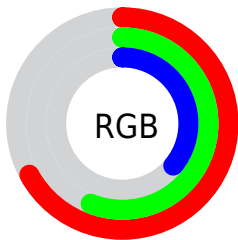
Format	Color
R_{YB}	135, 172, 92
Decimal	11309148
CIE _{Lab}	61.21, 3.48, 31.48
CIE _{LCh}	61, 31.670, 83.688
Yxy	29.4899, 0.3978, 0.4056
Android (android.graphics.Color)	4289499228 (0xFFAC905C)
YUV	146.4440, -26.8409, 22.4126
Hunter-Lab	54.3046, 0.0218, 22.4078

Details

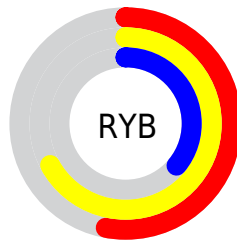
The XYZ color **28.9183, 29.4899, 14.2932** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.5763, 18.6862, 41.6574**, and the grayscale version is **27.6019, 29.0393, 31.6238**.

A 20% lighter version of the original color is **57.4651, 59.0294, 34.3517**, and **11.9476, 12.0464, 4.1781** is the 20% darker color. If you saturate the color by 10%, you get **27.3628, 27.4487, 10.4770**, and if you desaturate by 10%, it is **30.6945, 31.6994, 19.0258**.

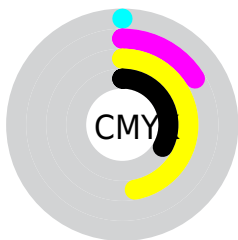
Distribution



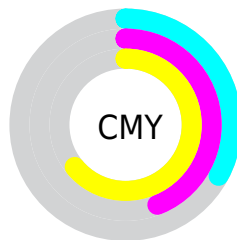
- Red (67%)
- Green (56%)
- Blue (36%)



- Red (53%)
- Yellow (67%)
- Blue (36%)



- Cyan (0%)
- Magenta (16%)
- Yellow (47%)
- Black (33%)





- Cyan (33%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9183, 29.4899, 14.2932 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 28.9183, 29.4899, 14.2932 by changing the saturation by 10% instead.


 28.9183, 29.4899,
14.2932


 28.9183, 29.4899,
14.2932


288.8304,
299.5195, 230.5388

 19.1630, 19.4517,
8.1838


 57.3457, 58.8545,
34.3330

 11.8928, 11.9971,
4.1233


 76.7485, 78.9498,
49.1004

 6.7424, 6.7417,
1.6932


 100.0979,
103.1662, 67.5909

 3.3464, 3.3011,
0.3561

 127.7592,
131.8882, 90.2231

 1.3395, 1.2909,
0.0000

160.0977,
165.5001, 117.4154

 0.2125, 0.1341,
0.0000

197.4789,

 0.0000, 0.0000,

204.3864, 149.5864

0.0000

240.2680,
248.9314, 187.1547

■ 28.9183, 29.4899,
14.2932

■ 28.9183, 29.4899,
14.2932

■ 27.3628, 27.4487,
10.4770

■ 30.6945, 31.6994,
19.0258

■ 26.0136, 25.5655,
7.5136

■ 32.7008, 34.0787,
24.7292

■ 24.8572, 23.8348,
5.3340

■ 34.9481, 36.6346,
31.4554

■ 23.8777, 22.2490,
3.8572

■ 37.4464, 39.3721,
39.2525

■ 23.0532, 20.7979,
2.9717

■ 40.2047, 42.2959,
48.1652

■ 22.7863, 20.3168,
2.7206

■ 43.2317, 45.4106,
58.2359

■ 46.5357, 48.7205,
69.5046

■ 50.1245, 52.2299,
82.0094

■ 54.0056, 55.9427,
95.7868

Harmonies

Analogous

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



33.0399, 29.4899, 16.9570



28.9183, 29.4899, 14.2932



24.9359, 29.4899, 15.3635

Triad

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



28.9183, 29.4899, 14.2932



21.3216, 29.4899, 42.2243



34.9842, 29.4899, 47.6822

Complementary

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



28.9183, 29.4899, 14.2932



18.5763, 18.6862, 41.6574

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.



31.3685, 29.4899, 57.9995



28.9183, 29.4899, 14.2932



23.5527, 29.4899, 54.3420

Square

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



28.9183, 29.4899, 14.2932



20.8045, 29.4899, 29.6551



27.1586, 29.4899, 60.6978



36.7586, 29.4899, 34.6956

Rectangle

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



28.9183, 29.4899, 14.2932



22.8575, 29.4899, 18.2254



27.1586, 29.4899, 60.6978



33.9276, 29.4899, 51.6952

Sweetspot

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



28.9190, 29.4913, 14.2938



64.3850, 67.5538, 60.0885



24.2307, 17.7813, 19.9247



13.7942, 14.4609, 12.4494



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.



28.9190, 29.4913, 14.2938



49.5111, 49.6211, 18.7066



31.1816, 37.7513, 15.7689



8.4232, 8.8512, 8.4779



17.0097, 15.2248, 2.0422



0.5219, 0.5209, 0.0730

Inverse Universe

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



18.5763, 18.6862, 41.6574



28.4049, 27.5999, 74.6360



16.9828, 13.5763, 40.7550



7.7996, 8.1986, 10.1241



6.7985, 4.7309, 29.5994



0.2413, 0.2360, 0.8408

Previews

White Background



This preview shows how the XYZ color 28.9183, 29.4899, 14.2932 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 28.9183, 29.4899, 14.2932 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 28.9183, 29.4899, 14.2932

Background



This preview shows how black text looks on a background with the XYZ color 28.9183, 29.4899, 14.2932.



This preview shows how white text looks on a background with the XYZ color 28.9183, 29.4899,

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

28.9183, 29.4899, 14.2932

Protanopia

27.3082, 29.5650, 14.8570

Deuteranopia

30.0911, 29.4238, 14.4493



Tritanopia

32.4224, 29.3766, 31.9784

Trichromacy



Original Color

28.9183, 29.4899, 14.2932

Protanomaly

27.9266, 29.6571, 14.6084

Deuteranomaly

29.5533, 29.3664, 14.4666

Tritanomaly

30.9536, 29.4286, 24.4709

Monochromacy



Original Color

28.9183, 29.4899, 14.2932

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4089, 28.7257, 23.8387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9183, 29.4899, 14.2932 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, 144, 92)` looks like.

```
.text, #text, p{  
    color:rgb(172, 144, 92)  
}
```

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, 144, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 144, 92) }
```

Border

The CSS property to change the border of an element to XYZ 28.9183, 29.4899, 14.2932 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, 144, 92) }
```


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

```
.border{ border-color:rgb(172, 144, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 144, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 144, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 144, 92);  
box-shadow:4px 4px 4px 4px rgb(172, 144,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9183, 29.4899, 14.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 144, 92) }
```

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

```
.background{ background-color: rgb(172,  
144, 92) }
```

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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