

Converting Colors

XYZ(28.6942, 28.5900, 14.1088)

Have a look what the booklet for
XYZ(28.6942, 28.5900, 14.1088)
contains.

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Color

**XYZ(28.5434, 28.4131,
14.1051)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8C5C
RGB	173, 140, 92
RGB Percent	68%, 55%, 36%
CMY	0.3216, 0.4510, 0.6392
CMYK	0.00, 0.19, 0.47, 0.32
HSL	36°, 33%, 52%
HSV	36°, 47%, 68%
XYZ	28.5434, 28.4131, 14.1051
YIQ	144.3950, 35.0760, -7.9320

Conversions

Conversions Part 2

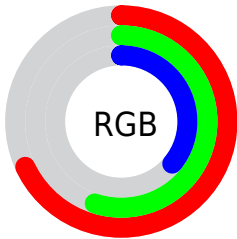
Format	Color
R_{YB}	148, 173, 92
Decimal	11373660
CIE Lab	60.26, 6.12, 30.29
CIE LCh	60, 30.899, 78.569
Yxy	28.4131, 0.4017, 0.3998
Android (android.graphics.Color)	4289563740 (0xFFAD8C5C)
YUV	144.3950, -25.8307, 25.0866
Hunter-Lab	53.3039, 2.3020, 21.6236

Details

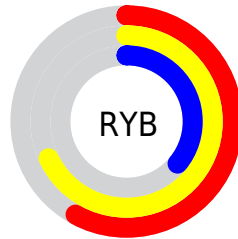
The XYZ color **28.5434, 28.4131, 14.1051** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.2898, 19.9589, 42.3708**, and the grayscale version is **26.7603, 28.1540, 30.6597**.

A 20% lighter version of the original color is **56.6610, 56.9461, 33.9919**, and **11.7376, 11.4237, 4.0690** is the 20% darker color. If you saturate the color by 10%, you get **26.8750, 26.1515, 10.2345**, and if you desaturate by 10%, it is **30.4519, 30.8784, 18.9084**.

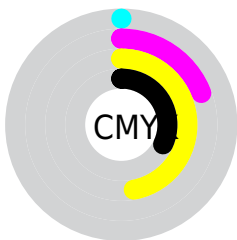
Distribution



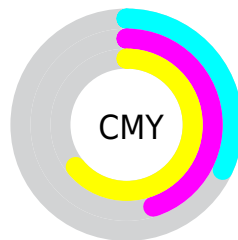
- Red (68%)
- Green (55%)
- Blue (36%)



- Red (58%)
- Yellow (68%)
- Blue (36%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (32%)





- Cyan (32%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5434, 28.4131, 14.1051 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 28.5434, 28.4131, 14.1051 by changing the saturation by 10% instead.


 28.5434, 28.4131,
14.1051


 28.5434, 28.4131,
14.1051


287.0877,
294.4356, 229.3348


 18.8782, 18.6373,
8.0542

 56.7534, 57.1433,
33.9952

 11.6858, 11.4085,
4.0414


 76.0290, 76.8665,
48.6715

 6.6008, 6.3423,
1.6481


 99.2388, 100.6743,
67.0600

 3.2578, 3.0543,
0.3248

 126.7481,
128.9510, 89.5793

 1.2915, 1.1602,
0.0000

158.9222,
162.0811, 116.6479

 0.1769, 0.0288,
0.0000

196.1267,

 0.0000, 0.0000,

200.4490, 148.6843

0.0000

238.7267,
244.4390, 186.1071

■ 28.5434, 28.4131,
14.1051

■ 28.5434, 28.4131,
14.1051

■ 26.8750, 26.1515,
10.2345

■ 30.4519, 30.8784,
18.9084

■ 25.4315, 24.0824,
7.2316

■ 32.6103, 33.5501,
24.6998

■ 24.1988, 22.1991,
5.0260

■ 35.0305, 36.4357,
31.5326

■ 23.1600, 20.4930,
3.5351

■ 37.7227, 39.5413,
39.4554

■ 22.2917, 18.9523,
2.6412

■ 40.6967, 42.8725,
48.5142

■ 22.0369, 18.4909,
2.4076

■ 43.9617, 46.4347,
58.7518

■ 47.5264, 50.2331,
70.2093

■ 51.3992, 54.2726,
82.9253

■ 55.5880, 58.5581,
96.9372

Harmonies

Analogous

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



32.3652, 28.4131, 17.2964



28.5434, 28.4131, 14.1051



24.6525, 28.4131, 14.5256

Triad

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



28.5434, 28.4131, 14.1051



20.4108, 28.4131, 38.4154



33.1276, 28.4131, 47.7301

Complementary

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



28.5434, 28.4131, 14.1051



19.2898, 19.9589, 42.3708

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.



29.5043, 28.4131, 56.5600



28.5434, 28.4131, 14.1051



22.2734, 28.4131, 50.3402

Square

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



28.5434, 28.4131, 14.1051



20.2078, 28.4131, 26.8127



25.5244, 28.4131, 57.6174



35.1793, 28.4131, 35.4640

Rectangle

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



28.5434, 28.4131, 14.1051



22.5306, 28.4131, 16.8255



25.5244, 28.4131, 57.6174



32.0376, 28.4131, 51.3150

Sweetspot

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



28.5441, 28.4144, 14.1057



63.9327, 66.6493, 59.9377



24.8106, 18.0387, 21.8286



13.6827, 14.2379, 12.4122



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.



28.5441, 28.4144, 14.1057



48.0880, 46.7749, 18.2323



32.6536, 38.7938, 15.8925



8.3849, 8.7746, 8.4651



16.2466, 13.6988, 1.7878



0.5039, 0.4850, 0.0671

Inverse Universe

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



19.2898, 19.9589, 42.3708



29.5202, 29.8304, 75.0077



16.4885, 13.3103, 41.2351



7.8368, 8.2729, 10.1365



7.2254, 5.5847, 29.7416



0.2556, 0.2646, 0.8456

Previews

White Background



This preview shows how the XYZ color 28.5434, 28.4131, 14.1051 looks on a white background.

Color Contrast Check

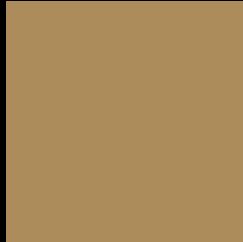
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5434, 28.4131, 14.1051 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 28.5434, 28.4131, 14.1051

Background



This preview shows how black text looks on a background with the XYZ color 28.5434, 28.4131, 14.1051.



This preview shows how white text looks on a background with the XYZ color 28.5434, 28.4131,

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

28.5434, 28.4131, 14.1051

Protanopia

26.2463, 28.3281, 14.6742

Deuteranopia

28.8436, 28.3519, 14.0775



Tritanopia

31.9192, 28.5288, 30.2098

Trichromacy



Original Color

28.5434, 28.4131, 14.1051

Protanomaly

26.9025, 28.2218, 14.3854

Deuteranomaly

28.6199, 28.2366, 14.0670

Tritanomaly

30.4103, 28.3191, 23.2654

Monochromacy



Original Color

28.5434, 28.4131, 14.1051

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.0417, 28.0942, 23.3995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5434, 28.4131, 14.1051 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, 140, 92)` looks like.

```
.text, #text, p{  
    color:rgb(173, 140, 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(173, 140, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 140, 92) }
```

Border

The CSS property to change the border of an element to XYZ 28.5434, 28.4131, 14.1051 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, 140, 92) }
```


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

```
.border{ border-color:rgb(173, 140, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 140, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 140, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 140, 92);  
box-shadow:4px 4px 4px 4px rgb(173, 140,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5434, 28.4131, 14.1051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 140, 92) }
```

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

```
.background{ background-color: rgb(173,  
140, 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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