

Converting Colors

XYZ(28.2202, 28.5187, 12.0734)

Have a look what the booklet for
XYZ(28.2202, 28.5187, 12.0734)
contains.

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Color

**XYZ(28.2814, 28.5432,
12.0014)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | AD8D52 |
| RGB | 173, 141, 82 |
| RGB Percent | 68%, 55%, 32% |
| CMY | 0.3216, 0.4470, 0.6784 |
| CMYK | 0.00, 0.18, 0.53, 0.32 |
| HSL | 39°, 36%, 50% |
| HSV | 39°, 53%, 68% |
| XYZ | 28.2814, 28.5432, 12.0014 |
| YIQ | 143.8420, 38.0110, -11.5650 |

Conversions

Conversions Part 2

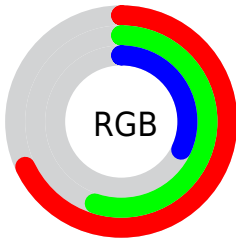
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 131, 173, 82 |
| Decimal | 11373906 |
| CIELab | 60.38, 4.60, 35.79 |
| CIElCh | 60, 36.084, 82.684 |
| Yxy | 28.5432, 0.4109, 0.4147 |
| Android (android.graphics.Color) | 4289563986 (0xFFAD8D52) |
| YUV | 143.8420, -30.4881, 25.5716 |
| Hunter-Lab | 53.4258, 0.9952, 24.0794 |

Details

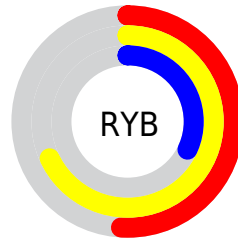
The XYZ color **28.2814, 28.5432, 12.0014** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.0395, 16.8448, 41.8882**, and the grayscale version is **26.5543, 27.9372, 30.4237**.

A 20% lighter version of the original color is **56.1586, 57.1000, 30.2518**, and **11.5010, 11.4492, 3.1171** is the 20% darker color. If you saturate the color by 10%, you get **26.8321, 26.5686, 8.6699**, and if you desaturate by 10%, it is **29.9473, 30.6854, 16.2246**.

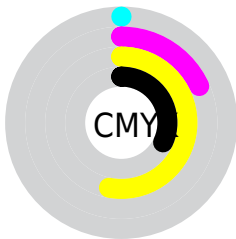
Distribution



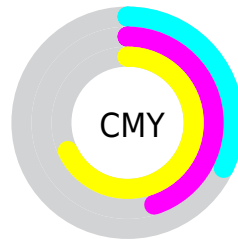
- Red (68%)
- Green (55%)
- Blue (32%)



- Red (51%)
- Yellow (68%)
- Blue (32%)



- Cyan (0%)
- Magenta (18%)
- Yellow (53%)
- Black (32%)





- Cyan (32%)
- Magenta (45%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2814, 28.5432, 12.0014 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 28.2814, 28.5432, 12.0014 by changing the saturation by 10% instead.


 28.2814, 28.5432,
12.0014


 28.2814, 28.5432,
12.0014


285.8649,
295.0535, 215.3928


 18.6794, 18.7355,
6.6221


 56.3389, 57.3505,
30.1621

 11.5415, 11.4793,
3.1521


 75.5251, 77.1190,
43.7805


 6.5023, 6.3902,
1.1728


 98.6369, 100.9765,
60.9825

 3.1964, 3.0838,
0.0000

 126.0394,
129.3074, 82.1864

 1.2584, 1.1756,
0.0000

 158.0981,
162.4962, 107.8108

 0.1518, 0.0417,
0.0000

195.1784,

 0.0000, 0.0000,

200.9272, 138.2743

0.0000

237.6455,
244.9848, 173.9955

■ 28.2814, 28.5432,
12.0014

■ 28.2814, 28.5432,
12.0014

■ 26.8321, 26.5686,
8.6699

■ 29.9473, 30.6854,
16.2246

■ 25.5838, 24.7509,
6.1610

■ 31.8400, 32.9973,
21.3980

■ 24.5219, 23.0841,
4.3984

■ 33.9713, 35.4859,
27.5772

■ 23.6282, 21.5595,
3.2902

■ 36.3514, 38.1565,
34.8129

■ 23.0468, 20.5108,
2.7443

■ 38.9901, 41.0140,
43.1526

■ 41.8964, 44.0633,
52.6405

■ 45.0790, 47.3088,
63.3187

■ 48.5460, 50.7550,
75.2270

■ 52.3054, 54.4061,
88.4034

Harmonies

Analogous

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



32.9047, 28.5432, 14.8662



28.2814, 28.5432, 12.0014



23.8325, 28.5432, 12.9637

Triad

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



28.2814, 28.5432, 12.0014



19.7030, 28.5432, 42.0093



34.8607, 28.5432, 49.2818

Complementary

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



28.2814, 28.5432, 12.0014



17.0395, 16.8448, 41.8882

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.



30.7172, 28.5432, 61.1130



28.2814, 28.5432, 12.0014



22.0729, 28.5432, 56.1474

Square

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



28.2814, 28.5432, 12.0014



19.2083, 28.5432, 27.9374



26.0092, 28.5432, 63.9307



36.9745, 28.5432, 34.4470

Rectangle

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



28.2814, 28.5432, 12.0014



21.5198, 28.5432, 15.8268



26.0092, 28.5432, 63.9307



33.6379, 28.5432, 53.8968

Sweetspot

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



28.2821, 28.5446, 12.0020



63.4829, 66.5387, 57.3551



23.3666, 16.1653, 18.2194



13.6124, 14.2543, 11.9048



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.



28.2821, 28.5446, 12.0020



47.6975, 47.0772, 14.7622



31.1375, 38.0593, 13.6880



8.4221, 8.8490, 8.4775



16.9865, 15.1786, 2.0345



0.5214, 0.5199, 0.0729

Inverse Universe

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



17.0395, 16.8448, 41.8882



25.4298, 23.9461, 74.0875



15.1901, 11.4387, 40.9422



7.8007, 8.2007, 10.1245



6.8098, 4.7534, 29.6031



0.2417, 0.2368, 0.8410

Previews

White Background



This preview shows how the XYZ color 28.2814, 28.5432, 12.0014 looks on a white background.

Color Contrast Check

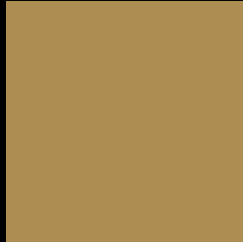
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2814, 28.5432, 12.0014 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 28.2814, 28.5432, 12.0014

Background



This preview shows how black text looks on a background with the XYZ color 28.2814, 28.5432, 12.0014.



This preview shows how white text looks on a background with the XYZ color 28.2814, 28.5432,

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

28.2814, 28.5432, 12.0014

Protanopia

26.3763, 28.6714, 12.5315

Deuteranopia

29.1157, 28.5394, 11.9567



Tritanopia

32.1495, 28.6475, 30.2206

Trichromacy



Original Color

28.2814, 28.5432, 12.0014

Protanomaly

27.0516, 28.5704, 12.2725

Deuteranomaly

28.8056, 28.5955, 11.9839

Tritanomaly

30.5283, 28.6189, 22.0041

Monochromacy



Original Color

28.2814, 28.5432, 12.0014

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.7912, 27.9940, 22.0805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2814, 28.5432, 12.0014 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, 141, 82)` looks like.

```
.text, #text, p{  
    color:rgb(173, 141, 82)  
}
```

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, 141, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 141, 82) }
```

Border

The CSS property to change the border of an element to XYZ 28.2814, 28.5432, 12.0014 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, 141, 82) }
```


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

```
.border{ border-color:rgb(173, 141, 82) }
```

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

Here you see how a box with a 4 pixel rgb(173, 141, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 141, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 141, 82);  
box-shadow:4px 4px 4px 4px rgb(173, 141,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2814, 28.5432, 12.0014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 141, 82) }
```

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

```
.background{ background-color: rgb(173,  
141, 82) }
```

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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