

Converting Colors

XYZ(28.9125, 28.9065, 14.8641)

Have a look what the booklet for
XYZ(28.9125, 28.9065, 14.8641)
contains.

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Color

**XYZ(28.8240, 28.7602,
14.8586)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8D5F
RGB	173, 141, 95
RGB Percent	68%, 55%, 37%
CMY	0.3216, 0.4470, 0.6274
CMYK	0.00, 0.18, 0.45, 0.32
HSL	35°, 32%, 53%
HSV	35°, 45%, 68%
XYZ	28.8240, 28.7602, 14.8586
YIQ	145.3240, 33.8380, -7.5220

Conversions

Conversions Part 2

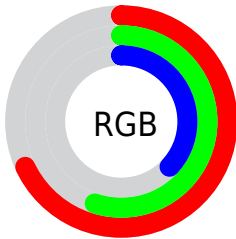
Format	Color
R_{YB}	149, 173, 95
Decimal	11373919
CIE _{Lab}	60.57, 5.88, 29.05
CIE _{LCh}	61, 29.638, 78.549
Yxy	28.7602, 0.3979, 0.3970
Android (android.graphics.Color)	4289563999 (0xFFAD8D5F)
YUV	145.3240, -24.8097, 24.2719
Hunter-Lab	53.6285, 2.0894, 21.1128

Details

The XYZ color **28.8240, 28.7602, 14.8586** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.8513, 20.6280, 42.4704**, and the grayscale version is **27.1343, 28.5474, 31.0881**.

A 20% lighter version of the original color is **57.3365, 57.9285, 35.3535**, and **11.8823, 11.6175, 4.4124** is the 20% darker color. If you saturate the color by 10%, you get **27.1104, 26.4548, 10.8292**, and if you desaturate by 10%, it is **30.7808, 31.2723, 19.8313**.

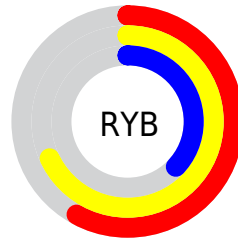
Distribution



Red (68%)

Green (55%)

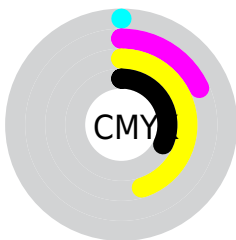
Blue (37%)



Red (58%)

Yellow (68%)

Blue (37%)

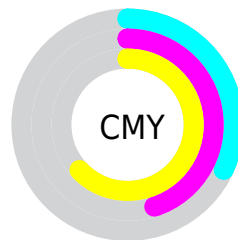


Cyan (0%)

Magenta (18%)

Yellow (45%)

Black (32%)



Cyan (32%)

Magenta (45%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8240, 28.7602, 14.8586 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 28.8240, 28.7602, 14.8586 by changing the saturation by 10% instead.

■ 28.8240, 28.7602,
14.8586

■ 28.8240, 28.7602,
14.8586

288.3928,
296.0818, 234.1200

■ 19.0913, 18.8995,
8.5747

■ 57.1968, 57.6959,
35.3437

■ 11.8407, 11.5977,
4.3718

■ 76.5677, 77.5396,
50.3820

■ 6.7067, 6.4704,
1.8315

■ 99.8820, 101.4798,
69.1755

■ 3.3241, 3.1331,
0.4486

■ 127.5052,
129.9009, 92.1427

■ 1.3274, 1.2016,
0.0000

159.8025,
163.1873, 119.7023

■ 0.2036, 0.0630,
0.0000

197.1393,

■ 0.0000, 0.0000,

201.7233, 152.2726

0.0000

239.8809,
245.8933, 190.2724

■ 28.8240, 28.7602,
14.8586

■ 28.8240, 28.7602,
14.8586

■ 27.1104, 26.4548,
10.8292

■ 30.7808, 31.2723,
19.8313

■ 25.6248, 24.3448,
7.6793

■ 32.9904, 33.9938,
25.8018

■ 24.3537, 22.4239,
5.3400


■ 35.4645, 36.9321,
32.8227


■ 23.2804, 20.6832,
3.7309


■ 38.2134, 40.0934,
40.9422


■ 22.3850, 19.1126,
2.7534


■ 41.2466, 43.4831,
50.2055

 21.9883, 18.3937,
2.3914

 44.5734, 47.1068,
60.6553

 48.2025, 50.9696,
72.3321

 52.1420, 55.0766,
85.2745

 56.4001, 59.4325,
99.5192

Harmonies

Analogous

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



32.5063, 28.7602, 18.0177



28.8240, 28.7602, 14.8586



25.0593, 28.7602, 15.2735

Triad

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



28.8240, 28.7602, 14.8586



20.9314, 28.7602, 38.5148



33.2353, 28.7602, 47.4546

Complementary

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



28.8240, 28.7602, 14.8586



19.8513, 20.6280, 42.4704

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.



29.7460, 28.7602, 55.8681



28.8240, 28.7602, 14.8586



22.7447, 28.7602, 49.9323

Square

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



28.8240, 28.7602, 14.8586



20.7346, 28.7602, 27.3116



25.8995, 28.7602, 56.8681



35.2074, 28.7602, 35.6916

Rectangle

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



28.8240, 28.7602, 14.8586



22.9984, 28.7602, 17.5468



25.8995, 28.7602, 56.8681



32.1867, 28.7602, 50.8754

Sweetspot

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



28.8247, 28.7616, 14.8592



63.9104, 66.6047, 59.9303



25.1894, 18.6143, 22.5155



13.6772, 14.2269, 12.4104



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.



28.8247, 28.7616, 14.8592



48.5943, 47.4356, 19.4858



32.8401, 38.8744, 16.5995



8.3830, 8.7708, 8.4645



16.2110, 13.6275, 1.7760



0.5031, 0.4833, 0.0668

Inverse Universe

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



19.8513, 20.6280, 42.4704



30.5081, 31.0603, 75.1931



17.0583, 13.9976, 41.3378



7.8386, 8.2766, 10.1371



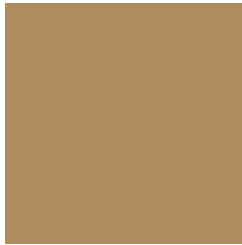
7.2485, 5.6309, 29.7493



0.2563, 0.2660, 0.8458

Previews

White Background



This preview shows how the XYZ color 28.8240, 28.7602, 14.8586 looks on a white background.

Color Contrast Check

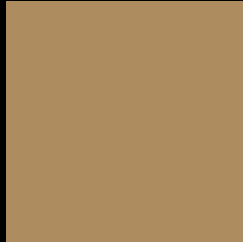
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8240, 28.7602, 14.8586 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 28.8240, 28.7602, 14.8586

Background



This preview shows how black text looks on a background with the XYZ color 28.8240, 28.7602, 14.8586.



This preview shows how white text looks on a background with the XYZ color 28.8240, 28.7602,

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

28.8240, 28.7602, 14.8586

Protanopia

26.7346, 28.7918, 15.4576

Deuteranopia

29.3481, 28.8125, 14.8410



Tritanopia

32.1349, 28.8373, 30.6605

Trichromacy



Original Color

28.8240, 28.7602, 14.8586

Protanomaly

27.3944, 28.6836, 15.1590

Deuteranomaly

29.1228, 28.6964, 14.8305

Tritanomaly

30.6809, 28.6537, 23.9923

Monochromacy



Original Color

28.8240, 28.7602, 14.8586

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.3216, 28.4474, 24.1296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8240, 28.7602, 14.8586 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(173, 141, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 141, 95) }
```

Border

The CSS property to change the border of an element to XYZ 28.8240, 28.7602, 14.8586 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, 95) }
```


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

```
.border{ border-color:rgb(173, 141, 95) }
```

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, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 141, 95); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 141, 95); box-shadow:4px 4px 4px 4px rgb(173, 141, 95) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8240, 28.7602, 14.8586 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, 95) }
```

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

```
.background{ background-color: rgb(173,  
141, 95) }
```

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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