

Converting Colors

XYZ(28.5195, 27.2417, 19.3420)

Have a look what the booklet for
XYZ(28.5195, 27.2417, 19.3420)
contains.

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Color

**XYZ(28.4392, 27.1781,
19.3698)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8771
RGB	171, 135, 113
RGB Percent	67%, 53%, 44%
CMY	0.3294, 0.4706, 0.5569
CMYK	0.00, 0.21, 0.34, 0.33
HSL	23°, 26%, 56%
HSV	23°, 34%, 67%
XYZ	28.4392, 27.1781, 19.3698
YIQ	143.2560, 28.5180, 0.7900

Conversions

Conversions Part 2

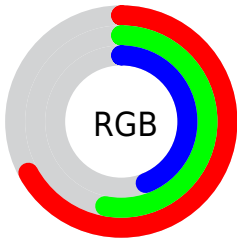
Format	Color
R_{YB}	171, 148, 113
Decimal	11241329
CIE Lab	59.14, 10.55, 17.07
CIE LCh	59, 20.064, 58.280
Yxy	27.1781, 0.3793, 0.3624
Android (android.graphics.Color)	4289431409 (0xFFAB8771)
YUV	143.2560, -14.9162, 24.3315
Hunter-Lab	52.1326, 6.1426, 14.4637

Details

The XYZ color **28.4392, 27.1781, 19.3698** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **24.9079, 27.9451, 42.6093**, and the grayscale version is **26.2611, 27.6287, 30.0876**.

A 20% lighter version of the original color is **56.4533, 55.0139, 43.2407**, and **11.6738, 10.7302, 6.4569** is the 20% darker color. If you saturate the color by 10%, you get **26.1582, 24.0143, 14.2990**, and if you desaturate by 10%, it is **31.0506, 30.7123, 25.4463**.

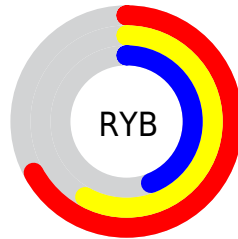
Distribution



Red (67%)

Green (53%)

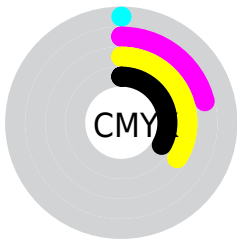
Blue (44%)



Red (67%)

Yellow (58%)

Blue (44%)

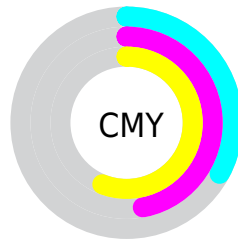


Cyan (0%)

Magenta (21%)

Yellow (34%)

Black (33%)



Cyan (33%)

Magenta (47%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4392, 27.1781, 19.3698 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 28.4392, 27.1781, 19.3698 by changing the saturation by 10% instead.

■ 28.4392, 27.1781,
19.3698

■ 28.4392, 27.1781,
19.3698

286.6018,
288.5184, 260.9731

■ 18.7991, 17.7070,
11.7583

■ 56.5886, 55.1695,
43.2030

■ 11.6284, 10.7399,
6.4588

■ 75.8287, 74.4587,
60.2618

■ 6.5616, 5.8922,
3.0527

■ 98.9995, 97.7893,
81.3068

■ 3.2333, 2.7796,
1.1216

■ 126.4664,
125.5458, 106.7565

■ 1.2783, 1.0178,
0.0000

158.5947,
158.1126, 137.0294

■ 0.1669, 0.0000,
0.0000

195.7498,

■ 0.0000, 0.0000,

195.8740, 172.5441

0.0000

238.2971,
239.2145, 213.7192

■ 28.4392, 27.1781,
19.3698

■ 28.4392, 27.1781,
19.3698

■ 26.1582, 24.0143,
14.2990

■ 31.0506, 30.7123,
25.4463

■ 24.1911, 21.2043,
10.1771

■ 34.0040, 34.6250,
32.5777

■ 22.5227, 18.7360,
6.9439

■ 37.3126, 38.9290,
40.8123

■ 21.1359, 16.5948,
4.5317

■ 40.9886, 43.6352,
50.1944

■ 20.0111, 14.7650,
2.8628

■ 45.0434, 48.7539,
60.7662

■ 19.1257, 13.2290,
1.8441

■ 49.4879, 54.2954,
72.5676

■ 18.6776, 12.4239,
1.4136

■ 54.3326, 60.2693,
85.6368

■ 59.5875, 66.6850,
100.0102

■ 63.2862, 72.7611,
105.3165

Harmonies

Analogous

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



30.2947, 27.1781, 23.5443



28.4392, 27.1781, 19.3698



25.9763, 27.1781, 17.8669

Triad

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



28.4392, 27.1781, 19.3698



21.3243, 27.1781, 29.1817



28.1740, 27.1781, 43.4271

Complementary

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



28.4392, 27.1781, 19.3698



24.9079, 27.9451, 42.6093

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.



25.6882, 27.1781, 45.5729



28.4392, 27.1781, 19.3698



21.8306, 27.1781, 36.5963

Square

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



28.4392, 27.1781, 19.3698



21.9596, 27.1781, 22.9361



23.3892, 27.1781, 42.8965



30.1347, 27.1781, 37.4258

Rectangle

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



28.4392, 27.1781, 19.3698



24.3551, 27.1781, 18.3626



23.3892, 27.1781, 42.8965



27.3673, 27.1781, 44.6619

Sweetspot

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



28.4399, 27.1794, 19.3704



63.0402, 64.8118, 63.6259



28.1835, 22.6619, 31.6307



13.8817, 14.2229, 13.7520



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.



28.4399, 27.1794, 19.3704



47.6948, 44.1959, 27.4511



32.9200, 36.1395, 20.8637



8.2450, 8.4947, 8.4185



14.1275, 9.4606, 1.0815



0.4467, 0.3706, 0.0480

Inverse Universe

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



24.9079, 27.9451, 42.6093



40.3512, 45.7689, 75.7094



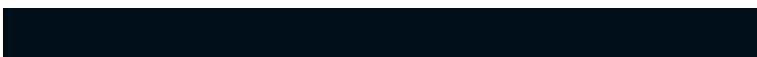
20.9661, 20.0614, 41.2954



7.9772, 8.5538, 10.1833



9.4886, 10.1110, 30.4960



0.3145, 0.3823, 0.8652

Previews

White Background



This preview shows how the XYZ color 28.4392, 27.1781, 19.3698 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 28.4392, 27.1781, 19.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

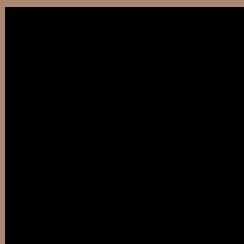
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4392, 27.1781, 19.3698

Background



This preview shows how black text looks on a background with the XYZ color 28.4392, 27.1781, 19.3698.



This preview shows how white text looks on a background with the XYZ color 28.4392, 27.1781,

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

28.4392, 27.1781, 19.3698

Protanopia

25.5879, 27.1863, 20.4218

Deuteranopia

27.6522, 27.1906, 19.4137



Tritanopia

30.3796, 27.1544, 28.8394

Trichromacy



Original Color

28.4392, 27.1781, 19.3698

Protanomaly

26.4277, 26.9721, 20.0329

Deuteranomaly

27.9332, 27.1254, 19.3863

Tritanomaly

29.5816, 27.0255, 25.1300

Monochromacy



Original Color

28.4392, 27.1781, 19.3698

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.6798, 27.1944, 25.6727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4392, 27.1781, 19.3698 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(171, 135, 113)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 113)  
}
```

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(171, 135, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 113) }
```

Border

The CSS property to change the border of an element to XYZ 28.4392, 27.1781, 19.3698 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(171, 135, 113) }
```


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

```
.border{ border-color:rgb(171, 135, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 135, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 135, 113); box-shadow:4px 4px 4px 4px rgb(171, 135, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4392, 27.1781, 19.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 113) }
```

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

```
.background{ background-color: rgb(171,  
135, 113) }
```

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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