

Converting Colors

XYZ(44.0288, 44.5452, 29.0205)

Have a look what the booklet for
XYZ(44.0288, 44.5452, 29.0205)
contains.

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Color

**XYZ(44.1378, 44.7179,
29.2268)**

Conversions

Conversions Part 1

Format	Color
Hex	CBAE87
RGB	203, 174, 135
RGB Percent	80%, 68%, 53%
CMY	0.2039, 0.3176, 0.4706
CMYK	0.00, 0.14, 0.33, 0.20
HSL	34°, 40%, 66%
HSV	34°, 33%, 80%
XYZ	44.1378, 44.7179, 29.2268
YIQ	178.2250, 29.8030, -5.9810

Conversions

Conversions Part 2

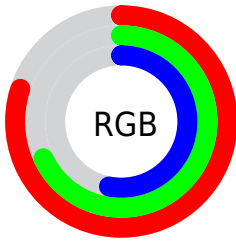
Format	Color
RYB	186, 203, 135
Decimal	13348487
CIELab	72.71, 4.84, 23.93
CIELCh	73, 24.412, 78.563
Yxy	44.7179, 0.3738, 0.3787
Android (android.graphics.Color)	4291538567 (0xFFCBAE87)
YUV	178.2250, -21.3099, 21.7277
Hunter-Lab	66.8714, 0.7920, 20.8968

Details

The XYZ color **44.1378, 44.7179, 29.2268** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.0462, 36.0124, 61.6565**, and the grayscale version is **42.5353, 44.7504, 48.7332**.

A 20% lighter version of the original color is **78.3364, 80.9295, 59.0691**, and **20.8120, 20.8708, 11.5259** is the 20% darker color. If you saturate the color by 10%, you get **41.2242, 40.9639, 21.8639**, and if you desaturate by 10%, it is **47.4340, 48.8006, 38.0627**.

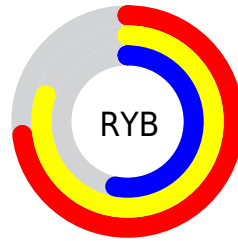
Distribution



Red (80%)

Green (68%)

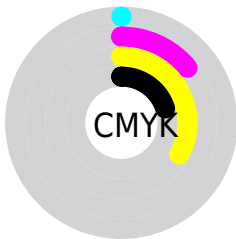
Blue (53%)



Red (73%)

Yellow (80%)

Blue (53%)

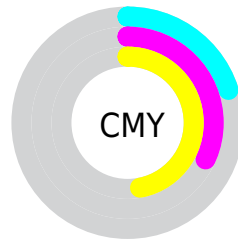


Cyan (0%)

Magenta (14%)

Yellow (33%)

Black (20%)



Cyan (20%)

Magenta (32%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1378, 44.7179, 29.2268 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 44.1378, 44.7179, 29.2268 by changing the saturation by 10% instead.

■ 44.1378, 44.7179,
29.2268

■ 44.1378, 44.7179,
29.2268

354.1130,
365.6298, 312.3779

■ 30.9772, 31.2353,
19.0054

■ 80.6701, 82.2969,
59.4837

■ 20.7333, 20.7781,
11.4973

■ 104.7726,
107.1621, 80.3563

■ 13.0405, 12.9619,
6.2840

■ 133.2531,
136.5903, 105.6164

■ 7.5336, 7.4023,
2.9470

166.4769,
170.9659, 135.6825

■ 3.8473, 3.7149,
1.0676

204.8095,
210.6732, 170.9731

■ 1.6161, 1.5154,
0.0000

248.6161,

■ 0.4029, 0.2995,

256.0967, 211.9069

0.0000

298.2622,
307.6208, 258.9023

■ 0.0000, 0.0000,
0.0000

■ 44.1378, 44.7179,
29.2268

■ 44.1378, 44.7179,
29.2268

■ 41.2242, 40.9639,
21.8639

■ 47.4340, 48.8006,
38.0627

■ 38.6722, 37.5222,
15.8887

■ 51.1257, 53.2155,
48.4449

■ 36.4638, 34.3838,
11.2114

■ 55.2292, 57.9737,
60.4450

■ 34.5777, 31.5369,
7.7304

■ 59.7589, 63.0839,
74.1293

■ 32.9897, 28.9681,
5.3286

■ 64.7283, 68.5546,
89.5603

■ 31.6706, 26.6622,
3.8647

■ 69.8589, 74.2772,
105.2627

■ 30.9248, 25.2890,
3.2514

■ 72.2717, 79.1027,
106.0670

■ 74.8049, 84.1692,
106.9114

■ 77.4604, 89.4801,
107.7965

Harmonies

Analogous

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



48.1215, 44.7179, 33.2194



44.1378, 44.7179, 29.2268



39.9637, 44.7179, 29.7638

Triad

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



44.1378, 44.7179, 29.2268



35.2433, 44.7179, 56.4960



48.9029, 44.7179, 65.8072

Complementary

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



44.1378, 44.7179, 29.2268



34.0462, 36.0124, 61.6565

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.



45.1477, 44.7179, 74.3051



44.1378, 44.7179, 29.2268



37.3398, 44.7179, 68.3441

Square

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



44.1378, 44.7179, 29.2268



35.0127, 44.7179, 44.2119



40.9091, 44.7179, 75.3038



50.9920, 44.7179, 53.4612

Rectangle

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



44.1378, 44.7179, 29.2268



37.6275, 44.7179, 32.6403



40.9091, 44.7179, 75.3038



47.7825, 44.7179, 69.2906

Sweetspot

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



44.1389, 44.7200, 29.2277



87.8416, 91.7228, 87.5698



40.0359, 32.7222, 39.5496



18.5973, 19.3938, 18.1509



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.1389, 44.7200, 29.2277



70.4102, 70.4008, 40.0147



49.1411, 56.5304, 31.2437



11.7376, 12.2641, 11.8280



19.7724, 16.2777, 2.0998



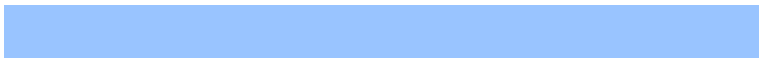
1.0943, 0.9884, 0.1331

Inverse Universe

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



34.0462, 36.0124, 61.6565



51.0382, 53.6949, 102.2819



30.1807, 27.1753, 60.1545



10.9885, 11.6173, 14.2336



9.0927, 7.2094, 36.8686



0.5438, 0.5214, 1.9269

Previews

White Background



This preview shows how the XYZ color 44.1378, 44.7179, 29.2268 looks on a white background.

Color Contrast Check

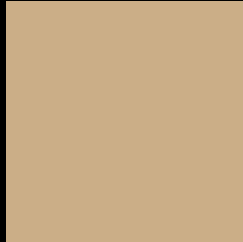
Large Text (above 18pt) WCAG AA × Fail

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 44.1378, 44.7179, 29.2268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

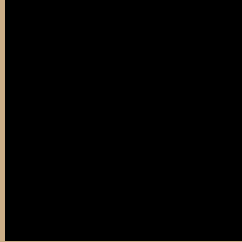
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1378, 44.7179, 29.2268

Background



This preview shows how black text looks on a background with the XYZ color 44.1378, 44.7179, 29.2268.



This preview shows how white text looks on a background with the XYZ color 44.1378, 44.7179,

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

44.1378, 44.7179, 29.2268

Protanopia

41.9216, 44.7233, 30.0899

Deuteranopia

45.5852, 44.6050, 29.4996



Tritanopia

48.3555, 44.7514, 49.8053

Trichromacy



Original Color

44.1378, 44.7179, 29.2268

Protanomaly

42.6718, 44.8240, 29.6954

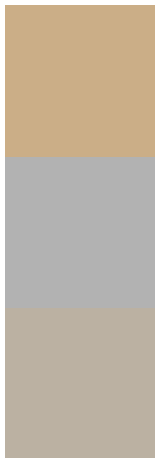
Deuteranomaly

44.9286, 44.5480, 29.5232

Tritanomaly

46.5292, 44.5516, 41.2689

Monochromacy



Original Color

44.1378, 44.7179, 29.2268

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.7372, 44.6177, 40.5420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1378, 44.7179, 29.2268 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(203, 174, 135)` looks like.

```
.text, #text, p{  
    color:rgb(203, 174, 135)  
}
```

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(203, 174, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 174, 135) }
```

Border

The CSS property to change the border of an element to XYZ 44.1378, 44.7179, 29.2268 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(203, 174, 135) }
```


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

```
.border{ border-color:rgb(203, 174, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 174, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 174, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 174, 135);  
box-shadow:4px 4px 4px 4px rgb(203, 174,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1378, 44.7179, 29.2268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 174, 135) }
```

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

```
.background{ background-color: rgb(203,  
174, 135) }
```

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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