

Converting Colors

XYZ(43.1897, 42.8217, 28.9107)

Have a look what the booklet for
XYZ(43.1897, 42.8217, 28.9107)
contains.

XYZ(43.1897, 42.8217, 28.9107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.1897, 42.8217,
28.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA987
RGB	203, 169, 135
RGB Percent	80%, 66%, 53%
CMY	0.2039, 0.3372, 0.4706
CMYK	0.00, 0.17, 0.33, 0.20
HSL	30°, 40%, 66%
HSV	30°, 33%, 80%
XYZ	43.1897, 42.8217, 28.9107
YIQ	175.2900, 31.1780, -3.3660

Conversions

Conversions Part 2

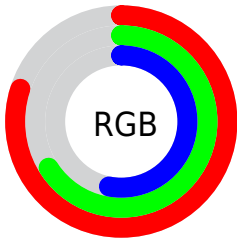
Format	Color
R _Y B	203, 203, 135
Decimal	13347207
CIE Lab	71.43, 7.53, 22.20
CIE LCh	71, 23.443, 71.262
Yxy	42.8217, 0.3758, 0.3726
Android (android.graphics.Color)	4291537287 (0xFFCBA987)
YUV	175.2900, -19.8630, 24.3017
Hunter-Lab	65.4383, 3.2942, 19.6124

Details

The XYZ color **43.1897, 42.8217, 28.9107** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.9586, 37.8373, 61.9607**, and the grayscale version is **40.9871, 43.1216, 46.9594**.

A 20% lighter version of the original color is **76.9728, 78.2021, 58.6146**, and **20.2137, 19.6744, 11.3265** is the 20% darker color. If you saturate the color by 10%, you get **40.0794, 38.6744, 21.4822**, and if you desaturate by 10%, it is **46.7213, 47.3751, 37.8250**.

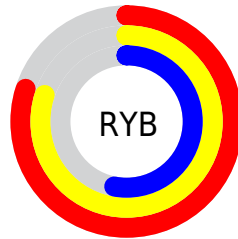
Distribution



Red (80%)

Green (66%)

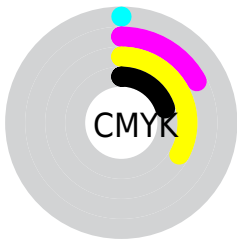
Blue (53%)



Red (80%)

Yellow (80%)

Blue (53%)

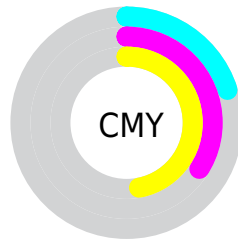


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (20%)



Cyan (20%)


Magenta (34%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1897, 42.8217, 28.9107 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 43.1897, 42.8217, 28.9107 by changing the saturation by 10% instead.


 43.1897, 42.8217,
28.9107

 43.1897, 42.8217,
28.9107


350.2996,
357.8780, 310.8411


 30.2292, 29.7452,
18.7683


 79.2510, 79.4417,
58.9757

 20.1615, 19.6453,
11.3278


 103.0824,
103.7541, 79.7353

 12.6215, 12.1375,
6.1709


 131.2682,
132.5805, 104.8711

 7.2436, 6.8374,
2.8788

164.1737,
166.3055, 134.8015

 3.6626, 3.3606,
1.0331

202.1642,
205.3133, 169.9452

 1.5131, 1.3228,
0.0000

245.6051,

 0.3347, 0.1587,

249.9884, 210.7207

0.0000

294.8618,
300.7152, 257.5465

■ 0.0000, 0.0000,
0.0000

■ 43.1897, 42.8217,
28.9107

■ 43.1897, 42.8217,
28.9107

■ 40.0794, 38.6744,
21.4822

■ 46.7213, 47.3751,
37.8250

■ 37.3683, 34.9145,
15.4540

■ 50.6884, 52.3408,
48.2990

■ 35.0370, 31.5302,
10.7358


■ 55.1086, 57.7323,
60.4046

■ 33.0626, 28.5067,
7.2254


■ 59.9972, 63.5606,
74.2085


■ 31.4195, 25.8278,
4.8052


■ 65.3691, 69.8363,
89.7737


 30.0771, 23.4751,
3.3335

 70.9468, 76.4528,
105.6253

 29.3323, 22.1039,
2.7205

 73.8521, 82.2636,
106.5938

 76.9246, 88.4086,
107.6179

 78.4386, 91.4365,
108.1226

Harmonies

Analogous

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



46.6813, 42.8217, 33.7006



43.1897, 42.8217, 28.9107



39.2353, 42.8217, 28.3803

Triad

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



43.1897, 42.8217, 28.9107



33.6969, 42.8217, 51.0042



45.9183, 42.8217, 64.9627

Complementary

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



43.1897, 42.8217, 28.9107



34.9586, 37.8373, 61.9607

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.



42.2022, 42.8217, 71.3783



43.1897, 42.8217, 28.9107



35.2541, 42.8217, 62.4932

Square

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



43.1897, 42.8217, 28.9107



33.9233, 42.8217, 39.9812



38.3093, 42.8217, 70.4078



48.3256, 42.8217, 53.9681

Rectangle

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



43.1897, 42.8217, 28.9107



36.8849, 42.8217, 30.3937



38.3093, 42.8217, 70.4078



44.7710, 42.8217, 67.8008

Sweetspot

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



43.1908, 42.8237, 28.9116



87.2799, 90.5993, 87.3826



40.4542, 32.8894, 41.7526



18.4614, 19.1220, 18.1056



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.



43.1908, 42.8237, 28.9116



68.5843, 66.7489, 39.4060



50.3578, 57.1577, 31.3006



11.6680, 12.1250, 11.8048



18.7581, 14.2491, 1.7617



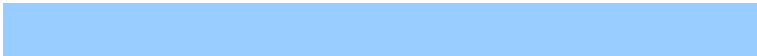
1.0436, 0.8869, 0.1162

Inverse Universe

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



34.9586, 37.8373, 61.9607



52.7781, 57.1748, 102.8619



29.4355, 26.7911, 60.1197



11.0573, 11.7551, 14.2566



9.9429, 8.9097, 37.1520



0.5888, 0.6115, 1.9419

Previews

White Background



This preview shows how the XYZ color 43.1897, 42.8217, 28.9107 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 43.1897, 42.8217, 28.9107 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 43.1897, 42.8217, 28.9107

Background



This preview shows how black text looks on a background with the XYZ color 43.1897, 42.8217, 28.9107.



This preview shows how white text looks on a background with the XYZ color 43.1897, 42.8217,

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

43.1897, 42.8217, 28.9107

Protanopia

40.1671, 42.9340, 30.2148

Deuteranopia

43.5526, 42.7337, 28.8746



Tritanopia

46.6658, 42.5944, 46.8363

Trichromacy



Original Color

43.1897, 42.8217, 28.9107

Protanomaly

41.1972, 42.8998, 29.7761

Deuteranomaly

43.2776, 42.5919, 28.8618

Tritanomaly

45.3418, 42.6053, 39.5521

Monochromacy



Original Color

43.1897, 42.8217, 28.9107

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2963, 42.7395, 39.3307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1897, 42.8217, 28.9107 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, 169, 135)` looks like.

```
.text, #text, p{  
    color:rgb(203, 169, 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, 169, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 169, 135) }
```

Border

The CSS property to change the border of an element to XYZ 43.1897, 42.8217, 28.9107 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, 169, 135) }
```


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

```
.border{ border-color:rgb(203, 169, 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, 169, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 169, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 169, 135);  
box-shadow:4px 4px 4px 4px rgb(203, 169,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1897, 42.8217, 28.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 169, 135) }
```

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

```
.background{ background-color: rgb(203,  
169, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor