

Converting Colors

XYZ(42.8907, 36.8398, 28.8950)

Have a look what the booklet for
XYZ(42.8907, 36.8398, 28.8950)
contains.

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Color

**XYZ(42.8907, 36.8398,
28.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	D7928A
RGB	215, 146, 138
RGB Percent	84%, 57%, 54%
CMY	0.1569, 0.4274, 0.4588
CMYK	0.00, 0.32, 0.36, 0.16
HSL	6°, 49%, 69%
HSV	6°, 36%, 84%
XYZ	42.8907, 36.8398, 28.8950
YIQ	165.7190, 43.6920, 12.1400

Conversions

Conversions Part 2

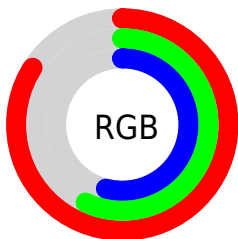
Format	Color
R _Y B	215, 147, 138
Decimal	14127754
CIE Lab	67.16, 25.08, 14.85
CIE LCh	67, 29.144, 30.632
Yxy	36.8398, 0.3948, 0.3391
Android (android.graphics.Color)	4292317834 (0xFFD7928A)
YUV	165.7190, -13.6655, 43.2194
Hunter-Lab	60.6958, 19.9194, 14.2613

Details

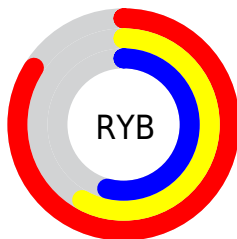
The XYZ color **42.8907, 36.8398, 28.8950** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.0591, 54.9334, 72.5185**, and the grayscale version is **36.1598, 38.0429, 41.4287**.

A 20% lighter version of the original color is **71.2982, 66.3301, 58.3354**, and **19.9542, 16.1581, 11.2996** is the 20% darker color. If you saturate the color by 10%, you get **38.7619, 30.8315, 20.5844**, and if you desaturate by 10%, it is **47.8300, 43.9757, 38.9967**.

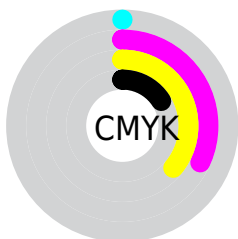
Distribution



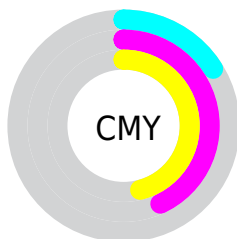
- Red (84%)
- Green (57%)
- Blue (54%)



- Red (84%)
- Yellow (58%)
- Blue (54%)



- Cyan (0%)
- Magenta (32%)
- Yellow (36%)
- Black (16%)





- Cyan (16%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8907, 36.8398, 28.8950 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 42.8907, 36.8398, 28.8950 by changing the saturation by 10% instead.


 42.8907, 36.8398,
28.8950


 42.8907, 36.8398,
28.8950


349.0912,
332.6164, 310.7646

 29.9935, 25.0835,
18.7565


 78.8026, 70.3263,
58.9504

 19.9817, 16.1393,
11.3194

 102.5481, 92.8253,
79.7044

 12.4899, 9.6228,
6.1653


 130.6404,
119.6740, 104.8340

 7.1528, 5.1496,
2.8754

163.4448,
151.2568, 134.7577

 3.6050, 2.3353,
1.0314

201.3267,
187.9580, 169.8941

 1.4812, 0.7923,
0.0000

244.6516,

 0.3130, 0.0000,

230.1621, 210.6617

0.0000

293.7846,
278.2534, 257.4790

■ 0.0000, 0.0000,
0.0000

■ 42.8907, 36.8398,
28.8950

■ 42.8907, 36.8398,
28.8950

■ 38.7619, 30.8315,
20.5844

■ 47.8300, 43.9757,
38.9967

■ 35.3974, 25.8881,
13.9580

■ 53.6170, 52.2873,
50.9833

■ 32.7507, 21.9489,
8.9012

■ 60.2900, 61.8262,
64.9448

■ 30.7690, 18.9446,
5.2839

■ 67.8843, 72.6394,
80.9649

■ 29.3922, 16.7974,
2.9552

■ 76.4331, 84.7716,
99.1221

■ 28.5486, 15.4165,
1.7295

■ 81.8344, 93.1871,
108.2815

■ 28.3180, 15.0344,
1.4094

Harmonies

Analogous

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



44.2691, 36.8398, 39.8431



42.8907, 36.8398, 28.8950



39.3732, 36.8398, 22.3479

Triad

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



42.8907, 36.8398, 28.8950



28.0865, 36.8398, 29.2721



35.1094, 36.8398, 69.8809

Complementary

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



42.8907, 36.8398, 28.8950



45.0591, 54.9334, 72.5185

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.



30.9911, 36.8398, 65.4296



42.8907, 36.8398, 28.8950



27.1500, 36.8398, 40.3826

Square

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



42.8907, 36.8398, 28.8950



30.8410, 36.8398, 22.5311



28.1679, 36.8398, 53.9113



39.5498, 36.8398, 65.0566

Rectangle

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



42.8907, 36.8398, 28.8950



36.4239, 36.8398, 20.4941



28.1679, 36.8398, 53.9113



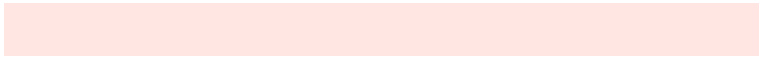
33.6431, 36.8398, 69.4118

Sweetspot

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



42.8917, 36.8416, 28.8957



83.3577, 83.3223, 84.3263



48.4123, 37.1441, 63.8421



17.5581, 17.4284, 17.4559



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.



42.8917, 36.8416, 28.8957



58.3923, 47.3440, 32.9905



49.7941, 50.6465, 31.1966



12.5261, 12.6264, 12.9377



16.9744, 9.0660, 0.8553



1.0599, 0.6190, 0.0636

Inverse Universe

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



45.0591, 54.9334, 72.5185



62.0198, 77.7335, 106.3430



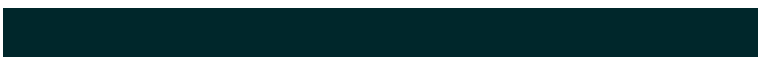
36.8982, 38.6116, 69.7982



12.6768, 13.8770, 15.9479



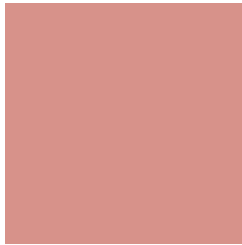
18.7423, 25.7464, 42.4349



1.1629, 1.6178, 2.5703

Previews

White Background



This preview shows how the XYZ color 42.8907, 36.8398, 28.8950 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 42.8907, 36.8398, 28.8950 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 42.8907, 36.8398, 28.8950

Background



This preview shows how black text looks on a background with the XYZ color 42.8907, 36.8398, 28.8950.



This preview shows how white text looks on a background with the XYZ color 42.8907, 36.8398,

28.8950.

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

42.8907, 36.8398, 28.8950

Protanopia

35.1582, 36.9589, 32.8845

Deuteranopia

37.6571, 37.0501, 28.4592



Tritanopia

44.4213, 37.0313, 35.3784

Trichromacy



Original Color

42.8907, 36.8398, 28.8950

Protanomaly

37.5845, 36.6924, 31.4870

Deuteranomaly

39.3597, 36.9231, 28.7193

Tritanomaly

43.7896, 36.9878, 32.8484

Monochromacy



Original Color

42.8907, 36.8398, 28.8950

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.1661, 37.3869, 36.6573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8907, 36.8398, 28.8950 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(215, 146, 138)` looks like.

```
.text, #text, p{  
    color:rgb(215, 146, 138)  
}
```

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(215, 146, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 146, 138) }
```

Border

The CSS property to change the border of an element to XYZ 42.8907, 36.8398, 28.8950 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(215, 146, 138) }
```


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

```
.border{ border-color:rgb(215, 146, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 146, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 146, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 146, 138);  
box-shadow:4px 4px 4px 4px rgb(215, 146,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8907, 36.8398, 28.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 146, 138) }
```

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

```
.background{ background-color: rgb(215,  
146, 138) }
```

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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