

Converting Colors

XYZ(42.8940, 38.6736, 28.2389)

Have a look what the booklet for
XYZ(42.8940, 38.6736, 28.2389)
contains.

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Color

**XYZ(42.7927, 38.7094,
28.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	D39A87
RGB	211, 154, 135
RGB Percent	83%, 60%, 53%
CMY	0.1726, 0.3961, 0.4706
CMYK	0.00, 0.27, 0.36, 0.17
HSL	15°, 46%, 68%
HSV	15°, 36%, 83%
XYZ	42.7927, 38.7094, 28.1379
YIQ	168.8770, 40.0710, 6.1750

Conversions

Conversions Part 2

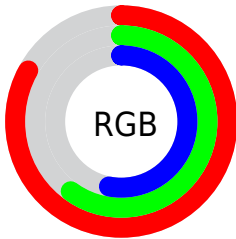
Format	Color
R _Y B	211, 160, 135
Decimal	13867655
CIE Lab	68.54, 18.82, 18.37
CIE LCh	69, 26.299, 44.301
Yxy	38.7094, 0.3903, 0.3531
Android (android.graphics.Color)	4292057735 (0xFFD39A87)
YUV	168.8770, -16.7014, 36.9419
Hunter-Lab	62.2169, 13.8926, 16.7376

Details

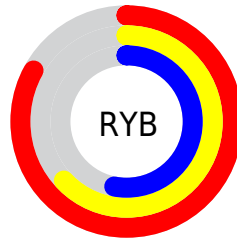
The XYZ color **42.7927, 38.7094, 28.1379** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.5983, 47.5513, 68.6664**, and the grayscale version is **37.7182, 39.6825, 43.2143**.

A 20% lighter version of the original color is **73.1176, 70.4918, 57.3295**, and **20.0075, 17.3249, 10.8839** is the 20% darker color. If you saturate the color by 10%, you get **39.0102, 33.2908, 20.2598**, and if you desaturate by 10%, it is **47.2160, 44.9381, 37.6828**.

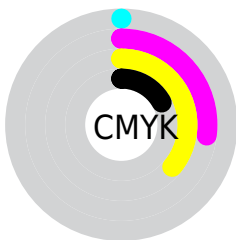
Distribution



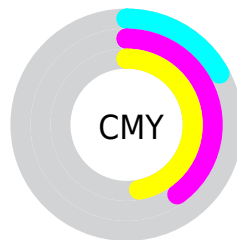
- Red (83%)
- Green (60%)
- Blue (53%)



- Red (83%)
- Yellow (63%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (36%)
- Black (17%)





- Cyan (17%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7927, 38.7094, 28.1379 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 42.7927, 38.7094, 28.1379 by changing the saturation by 10% instead.


 42.7927, 38.7094,
28.1379

 42.7927, 38.7094,
28.1379


348.6945,
340.6534, 307.0579


 29.9163, 26.5337,
18.1897


 78.6556, 73.1942,
57.7303

 19.9228, 17.2234,
10.9154


 102.3728, 96.2721,
78.2115

 12.4469, 10.3939,
5.8965


 130.4344,
123.7528, 103.0409

 7.1232, 5.6609,
2.7145

163.2056,
156.0208, 132.6368

 3.5863, 2.6400,
0.9507

201.0519,
193.4605, 167.4180

 1.4708, 0.9468,
0.0000

244.3386,

 0.3059, 0.0000,

236.4562, 207.8029

0.0000

293.4310,
285.3924, 254.2100

■ 0.0000, 0.0000,
0.0000

■ 42.7927, 38.7094,
28.1379

■ 42.7927, 38.7094,
28.1379

■ 39.0102, 33.2908,
20.2598

■ 47.2160, 44.9381,
37.6828

■ 35.8345, 28.6429,
13.9498

■ 52.3057, 52.0030,
48.9810

■ 33.2332, 24.7315,
9.1020

■ 58.0896, 59.9358,
62.1155

■ 31.1691, 21.5173,
5.5965

■ 64.5933, 68.7651,
77.1636

■ 29.6004, 18.9570,
3.2941

■ 71.8406, 78.5179,
94.1980

■ 28.4772, 17.0018,
2.0220

■ 78.7733, 88.7878,
107.5937

■ 28.1262, 16.3735,
1.6780

■ 80.6739, 92.5888,
108.2272

Harmonies

Analogous

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



45.0635, 38.7094, 36.7602



42.7927, 38.7094, 28.1379



38.9900, 38.7094, 23.7793

Triad

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



42.7927, 38.7094, 28.1379



29.6439, 38.7094, 36.2713



38.7951, 38.7094, 68.3449

Complementary

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



42.7927, 38.7094, 28.1379



40.5983, 47.5513, 68.6664

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.



34.6785, 38.7094, 68.1461



42.7927, 38.7094, 28.1379



29.6003, 38.7094, 48.0380

Square

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



42.7927, 38.7094, 28.1379



31.5043, 38.7094, 27.8382



31.3805, 38.7094, 60.1737



42.6408, 38.7094, 60.6744

Rectangle

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



42.7927, 38.7094, 28.1379



36.1980, 38.7094, 23.2461



31.3805, 38.7094, 60.1737



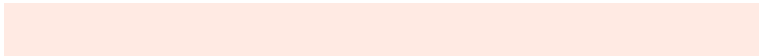
37.3927, 38.7094, 69.2358

Sweetspot

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



42.7937, 38.7112, 28.1387



84.5109, 85.6286, 84.7106



45.0425, 34.9829, 54.2476



17.8309, 17.9740, 17.5468



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.



42.7937, 38.7112, 28.1387



61.2773, 53.1140, 33.9521



50.0868, 53.2975, 30.5697



12.0455, 12.2817, 12.3478



17.0434, 10.0198, 1.0357



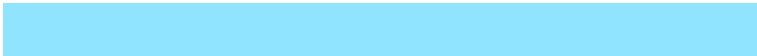
1.0172, 0.6888, 0.0793

Inverse Universe

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



40.5983, 47.5513, 68.6664



57.4170, 68.5278, 104.8087



33.3055, 32.9656, 66.2355



11.8976, 12.8855, 15.1037



14.5841, 17.8149, 39.8624



0.8763, 1.1178, 2.2491

Previews

White Background



This preview shows how the XYZ color 42.7927, 38.7094, 28.1379 looks on a white background.

Color Contrast Check

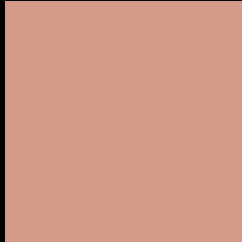
Large Text (above 18pt) WCAG AA × Fail

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 42.7927, 38.7094, 28.1379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

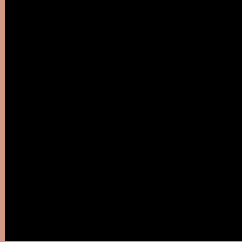
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7927, 38.7094, 28.1379

Background



This preview shows how black text looks on a background with the XYZ color 42.7927, 38.7094, 28.1379.



This preview shows how white text looks on a background with the XYZ color 42.7927, 38.7094,

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

42.7927, 38.7094, 28.1379

Protanopia

36.5309, 38.7906, 30.7613

Deuteranopia

39.5536, 38.8131, 27.9612



Tritanopia

45.1595, 38.7175, 39.2755

Trichromacy



Original Color

42.7927, 38.7094, 28.1379

Protanomaly

38.5668, 38.5236, 29.8292

Deuteranomaly

40.6173, 38.5925, 27.8626

Tritanomaly

44.1747, 38.5463, 34.8177

Monochromacy



Original Color

42.7927, 38.7094, 28.1379

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.1284, 39.1756, 37.3976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7927, 38.7094, 28.1379 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(211, 154, 135)` looks like.

```
.text, #text, p{  
    color:rgb(211, 154, 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(211, 154, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 154, 135) }
```

Border

The CSS property to change the border of an element to XYZ 42.7927, 38.7094, 28.1379 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(211, 154, 135) }
```


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

```
.border{ border-color:rgb(211, 154, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 154, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 154, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 154, 135);  
box-shadow:4px 4px 4px 4px rgb(211, 154,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7927, 38.7094, 28.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 154, 135) }
```

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

```
.background{ background-color: rgb(211,  
154, 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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