

Converting Colors

XYZ(42.9296, 37.6148, 27.8998)

Have a look what the booklet for
XYZ(42.9296, 37.6148, 27.8998)
contains.

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Color

**XYZ(42.8522, 37.5403,
27.9091)**

Conversions

Conversions Part 1

Format	Color
Hex	D69587
RGB	214, 149, 135
RGB Percent	84%, 58%, 53%
CMY	0.1608, 0.4157, 0.4706
CMYK	0.00, 0.30, 0.37, 0.16
HSL	11°, 49%, 68%
HSV	11°, 37%, 84%
XYZ	42.8522, 37.5403, 27.9091
YIQ	166.8390, 43.2340, 9.4260

Conversions

Conversions Part 2

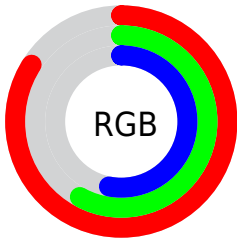
Format	Color
R _Y B	214, 152, 135
Decimal	14062983
CIE Lab	67.68, 22.71, 17.23
CIE LCh	68, 28.503, 37.196
Yxy	37.5403, 0.3957, 0.3466
Android (android.graphics.Color)	4292253063 (0xFFD69587)
YUV	166.8390, -15.6966, 41.3602
Hunter-Lab	61.2701, 17.6198, 15.8820

Details

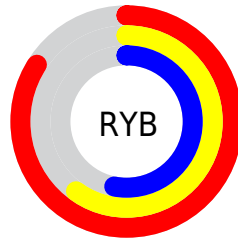
The XYZ color **42.8522, 37.5403, 27.9091** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7828, 51.3126, 71.2679**, and the grayscale version is **36.7123, 38.6242, 42.0618**.

A 20% lighter version of the original color is **71.6730, 67.6027, 56.8480**, and **19.9120, 16.5593, 10.7411** is the 20% darker color. If you saturate the color by 10%, you get **38.9162, 31.8420, 19.8958**, and if you desaturate by 10%, it is **47.5141, 44.2055, 37.6591**.

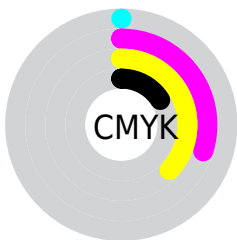
Distribution



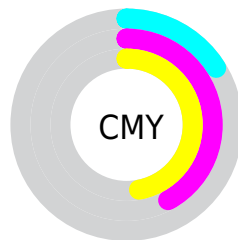
- Red (84%)
- Green (58%)
- Blue (53%)



- Red (84%)
- Yellow (60%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (37%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8522, 37.5403, 27.9091 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 42.8522, 37.5403, 27.9091 by changing the saturation by 10% instead.


 42.8522, 37.5403,
27.9091


 42.8522, 37.5403,
27.9091


348.9354,
335.6438, 305.9306


 29.9632, 25.6261,
18.0187


 78.7449, 71.4030,
57.3606

 19.9586, 16.5441,
10.7938

 102.4793, 94.1203,
77.7589

 12.4730, 9.9100,
5.8160

 130.5595,
121.2074, 102.4968

 7.1412, 5.3393,
2.6665

163.3509,
153.0487, 131.9929

 3.5977, 2.4477,
0.9265

201.2188,
190.0286, 166.6658

 1.4771, 0.8503,
0.0000

244.5286,

 0.3102, 0.0000,

232.5315, 206.9340

0.0000

293.6457,
280.9418, 253.2161

■ 0.0000, 0.0000,
0.0000

■ 42.8522, 37.5403,
27.9091

■ 42.8522, 37.5403,
27.9091

■ 38.9162, 31.8420,
19.8958

■ 47.5141, 44.2055,
37.6591

■ 35.6661, 27.0603,
13.5147

■ 52.9334, 51.8743,
49.2377

■ 33.0625, 23.1483,
8.6533

■ 59.1432, 60.5879,
62.7328

■ 31.0603, 20.0529,
5.1838

■ 66.1738, 70.3836,
78.2260

■ 29.6085, 17.7147,
2.9574

■ 74.0538, 81.2971,
95.7942

■ 28.6451, 16.0652,
1.7807

■ 81.4281, 92.8091,
108.2300

■ 28.4227, 15.6783,
1.5282

■ 81.5416, 93.0362,
108.2678

Harmonies

Analogous

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



44.7484, 37.5403, 37.9150



42.8522, 37.5403, 27.9091



39.0610, 37.5403, 22.3630

Triad

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



42.8522, 37.5403, 27.9091



28.4374, 37.5403, 32.1860



36.7510, 37.5403, 69.9288

Complementary

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



42.8522, 37.5403, 27.9091



42.7828, 51.3126, 71.2679

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.



32.5017, 37.5403, 67.5211



42.8522, 37.5403, 27.9091



27.9294, 37.5403, 43.9851

Square

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



42.8522, 37.5403, 27.9091



30.8076, 37.5403, 24.4549



29.3580, 37.5403, 57.3392



41.0429, 37.5403, 63.3690

Rectangle

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



42.8522, 37.5403, 27.9091



36.0964, 37.5403, 21.1388



29.3580, 37.5403, 57.3392



35.2687, 37.5403, 70.1605

Sweetspot

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



42.8532, 37.5421, 27.9098



83.9330, 84.4729, 84.5180



46.9188, 35.8337, 59.5995



17.6941, 17.7004, 17.5012



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.



42.8532, 37.5421, 27.9098



59.2250, 49.3215, 32.3057



50.0170, 51.8698, 30.2978



12.5995, 12.7732, 12.9621



17.2335, 9.5842, 0.9416



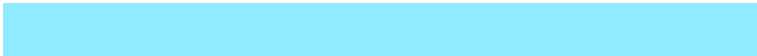
1.0944, 0.6880, 0.0751

Inverse Universe

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



42.7828, 51.3126, 71.2679



59.0829, 72.5215, 105.4918



34.9328, 35.6127, 68.6512



12.5962, 13.7159, 15.9211



16.7969, 21.8557, 41.7864



1.0633, 1.4186, 2.5371

Previews

White Background



This preview shows how the XYZ color 42.8522, 37.5403, 27.9091 looks on a white background.

Color Contrast Check

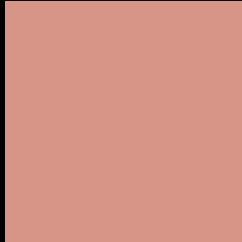
Large Text (above 18pt) WCAG AA × Fail

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 42.8522, 37.5403, 27.9091 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 42.8522, 37.5403, 27.9091

Background



This preview shows how black text looks on a background with the XYZ color 42.8522, 37.5403, 27.9091.



This preview shows how white text looks on a background with the XYZ color 42.8522, 37.5403,

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

42.8522, 37.5403, 27.9091

Protanopia

35.6466, 37.7777, 31.3996

Deuteranopia

38.3700, 37.6962, 27.4441



Tritanopia

44.6836, 37.5910, 36.7990

Trichromacy



Original Color

42.8522, 37.5403, 27.9091

Protanomaly

37.8708, 37.3811, 30.0302

Deuteranomaly

39.8438, 37.4433, 27.6815

Tritanomaly

43.8829, 37.4844, 33.3561

Monochromacy



Original Color

42.8522, 37.5403, 27.9091

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.2544, 37.6985, 36.2707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8522, 37.5403, 27.9091 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(214, 149, 135)` looks like.

```
.text, #text, p{  
    color:rgb(214, 149, 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(214, 149, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 149, 135) }
```

Border

The CSS property to change the border of an element to XYZ 42.8522, 37.5403, 27.9091 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(214, 149, 135) }
```


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

```
.border{ border-color:rgb(214, 149, 135) }
```

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

Here you see how a box with a 4 pixel rgb(214, 149, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 149, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 149, 135);  
box-shadow:4px 4px 4px 4px rgb(214, 149,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8522, 37.5403, 27.9091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 149, 135) }
```

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

```
.background{ background-color: rgb(214,  
149, 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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