

Converting Colors

XYZ(42.5612, 37.3903, 27.8955)

Have a look what the booklet for
XYZ(42.5612, 37.3903, 27.8955)
contains.

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Color

**XYZ(42.5612, 37.3903,
27.8955)**

Conversions

Conversions Part 1

Format	Color
Hex	D59587
RGB	213, 149, 135
RGB Percent	84%, 58%, 53%
CMY	0.1647, 0.4157, 0.4706
CMYK	0.00, 0.30, 0.37, 0.16
HSL	11°, 48%, 68%
HSV	11°, 37%, 84%
XYZ	42.5612, 37.3903, 27.8955
YIQ	166.5400, 42.6380, 9.2140

Conversions

Conversions Part 2

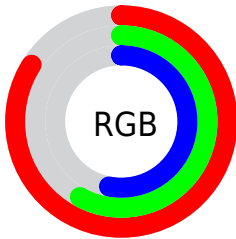
Format	Color
R _Y B	213, 152, 135
Decimal	13997447
CIE Lab	67.57, 22.32, 17.06
CIE LCh	68, 28.090, 37.396
Yxy	37.3903, 0.3946, 0.3467
Android (android.graphics.Color)	4292187527 (0xFFD59587)
YUV	166.5400, -15.5492, 40.7454
Hunter-Lab	61.1476, 17.2349, 15.7553

Details

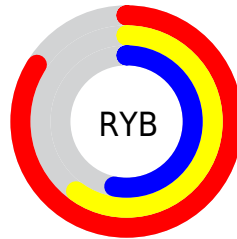
The XYZ color **42.5612, 37.3903, 27.8955** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4245, 50.8000, 70.5202**, and the grayscale version is **36.5664, 38.4707, 41.8946**.

A 20% lighter version of the original color is **71.6730, 67.6027, 56.8480**, and **19.7177, 16.4592, 10.7320** is the 20% darker color. If you saturate the color by 10%, you get **38.6485, 31.7296, 19.9180**, and if you desaturate by 10%, it is **47.1907, 44.0044, 37.5929**.

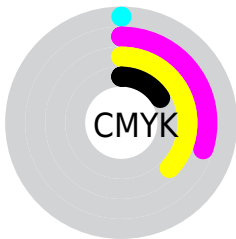
Distribution



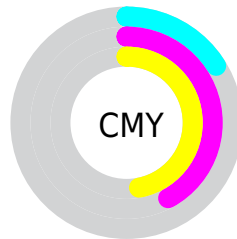
- Red (84%)
- Green (58%)
- Blue (53%)



- 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 42.5612, 37.3903, 27.8955 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 42.5612, 37.3903, 27.8955 by changing the saturation by 10% instead.


 42.5612, 37.3903,
27.8955


 42.5612, 37.3903,
27.8955

347.7563,
334.9972, 305.8634


 29.7340, 25.5098,
18.0085


 78.3081, 71.1727,
57.3387

 19.7838, 16.4573,
10.7866


 101.9586, 93.8433,
77.7319

 12.3454, 9.8483,
5.8112

 129.9475,
120.8795, 102.4644

 7.0532, 5.2985,
2.6637

162.6402,
152.6657, 131.9546

 3.5420, 2.4235,
0.9251

200.4020,
189.5861, 166.6210

 1.4465, 0.8379,
0.0000

243.5985,

 0.2890, 0.0000,

232.0252, 206.8823

0.0000

292.5947,
280.3675, 253.1569

■ 0.0000, 0.0000,
0.0000

■ 42.5612, 37.3903,
27.8955

■ 42.5612, 37.3903,
27.8955

■ 38.6485, 31.7296,
19.9180

■ 47.1907, 44.0044,
37.5929

■ 35.4134, 26.9727,
13.5572

■ 52.5680, 51.6076,
49.1005

■ 32.8170, 23.0741,
8.7024

■ 58.7256, 60.2403,
62.5051

■ 30.8154, 19.9815,
5.2278

■ 65.6931, 69.9393,
77.8872

■ 29.3587, 17.6372,
2.9873

■ 73.4989, 80.7393,
95.3226

■ 28.3864, 15.9746,
1.7941

■ 80.8879, 92.1607,
108.1333

■ 28.1415, 15.5480,
1.5178

■ 81.2506, 92.8861,
108.2542

Harmonies

Analogous

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



44.4373, 37.3903, 37.7229



42.5612, 37.3903, 27.8955



38.8307, 37.3903, 22.4488

Triad

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



42.5612, 37.3903, 27.8955



28.4023, 37.3903, 32.2283



36.6194, 37.3903, 69.1838

Complementary

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



42.5612, 37.3903, 27.8955



42.4245, 50.8000, 70.5202

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.



32.4376, 37.3903, 66.8870



42.5612, 37.3903, 27.8955



27.9146, 37.3903, 43.8543

Square

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



42.5612, 37.3903, 27.8955



30.7244, 37.3903, 24.5736



29.3339, 37.3903, 56.9522



40.8305, 37.3903, 62.7096

Rectangle

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



42.5612, 37.3903, 27.8955



35.9175, 37.3903, 21.2572



29.3339, 37.3903, 56.9522



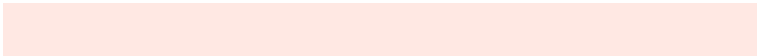
35.1619, 37.3903, 69.4311

Sweetspot

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



42.5622, 37.3921, 27.8962



83.9510, 84.5088, 84.5240



46.5301, 35.6446, 59.0714



17.6983, 17.7089, 17.5026



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.



42.5622, 37.3921, 27.8962



59.2702, 49.4120, 32.3208



49.5843, 51.4363, 30.2369



12.6018, 12.7778, 12.9629



17.2435, 9.6042, 0.9450



1.0955, 0.6902, 0.0755

Inverse Universe

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



42.4245, 50.8000, 70.5202



59.0099, 72.3754, 105.4674



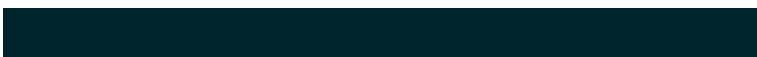
34.7471, 35.4451, 67.9610



12.5937, 13.7109, 15.9202



16.7400, 21.7418, 41.7675



1.0603, 1.4127, 2.5361

Previews

White Background



This preview shows how the XYZ color 42.5612, 37.3903, 27.8955 looks on a white background.

Color Contrast Check

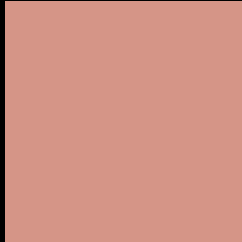
Large Text (above 18pt) WCAG AA × Fail

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 42.5612, 37.3903, 27.8955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

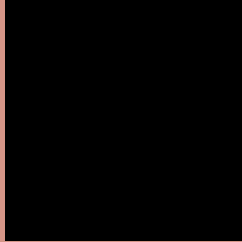
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5612, 37.3903, 27.8955

Background



This preview shows how black text looks on a background with the XYZ color 42.5612, 37.3903, 27.8955.



This preview shows how white text looks on a background with the XYZ color 42.5612, 37.3903,

27.8955.

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

42.5612, 37.3903, 27.8955

Protanopia

35.4670, 37.4183, 31.3397

Deuteranopia

38.1987, 37.3536, 27.3870



Tritanopia

44.3890, 37.4392, 36.7852

Trichromacy



Original Color

42.5612, 37.3903, 27.8955

Protanomaly

37.8708, 37.3811, 30.0302

Deuteranomaly

39.8438, 37.4433, 27.6815

Tritanomaly

43.5901, 37.3335, 33.3424

Monochromacy



Original Color

42.5612, 37.3903, 27.8955

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 42.5612, 37.3903, 27.8955 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(213, 149, 135)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 149, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 149, 135) }
```

Border

The CSS property to change the border of an element to XYZ 42.5612, 37.3903, 27.8955 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(213, 149, 135) }
```


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

```
.border{ border-color:rgb(213, 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(213, 149, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 149, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 149, 135);  
box-shadow:4px 4px 4px 4px rgb(213, 149,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5612, 37.3903, 27.8955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 149, 135) }
```

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

```
.background{ background-color: rgb(213,  
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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