

Converting Colors

XYZ(42.8437, 37.4246, 31.0321)

Have a look what the booklet for
XYZ(42.8437, 37.4246, 31.0321)
contains.

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Color

**XYZ(42.8567, 37.4751,
30.9612)**

Conversions

Conversions Part 1

Format	Color
Hex	D4958F
RGB	212, 149, 143
RGB Percent	83%, 58%, 56%
CMY	0.1686, 0.4157, 0.4392
CMYK	0.00, 0.30, 0.33, 0.17
HSL	5°, 45%, 70%
HSV	5°, 33%, 83%
XYZ	42.8567, 37.4751, 30.9612
YIQ	167.1530, 39.4740, 11.4900

Conversions

Conversions Part 2

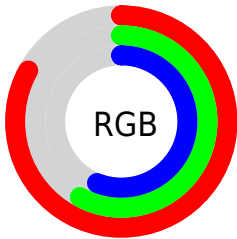
Format	Color
R _Y B	212, 150, 143
Decimal	13931919
CIE Lab	67.63, 22.93, 12.68
CIE LCh	68, 26.198, 28.937
Yxy	37.4751, 0.3851, 0.3367
Android (android.graphics.Color)	4292121999 (0xFFD4958F)
YUV	167.1530, -11.9074, 39.3308
Hunter-Lab	61.2169, 17.8346, 12.8652

Details

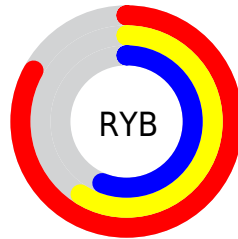
The XYZ color **42.8567, 37.4751, 30.9612** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2818, 54.7336, 70.4654**, and the grayscale version is **36.8487, 38.7677, 42.2181**.

A 20% lighter version of the original color is **72.6740, 68.0031, 62.1189**, and **20.0538, 16.5936, 12.5019** is the 20% darker color. If you saturate the color by 10%, you get **38.5881, 31.2697, 22.3496**, and if you desaturate by 10%, it is **47.9397, 44.8233, 41.3423**.

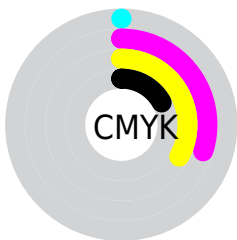
Distribution



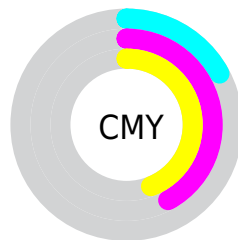
- Red (83%)
- Green (58%)
- Blue (56%)



- Red (83%)
- Yellow (59%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (33%)
- Black (17%)





- Cyan (17%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8567, 37.4751, 30.9612 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 42.8567, 37.4751, 30.9612 by changing the saturation by 10% instead.


 42.8567, 37.4751,
30.9612


 42.8567, 37.4751,
30.9612

348.9536,
335.3629, 320.7052

 29.9667, 25.5756,
20.3111


 78.7516, 71.3029,
62.2578

 19.9613, 16.5064,
12.4351


 102.4873, 93.9999,
83.7414

 12.4750, 9.8832,
6.9146


130.5689,
121.0649, 109.6733

 7.1425, 5.3216,
3.3311

163.3618,
152.8822, 140.4719

 3.5985, 2.4372,
1.2661

201.2314,
189.8363, 176.5559

 1.4776, 0.8449,
0.0337

244.5430,

 0.3105, 0.0000,

232.3115, 218.3438

0.0000

293.6620,
280.6922, 266.2540

■ 0.0000, 0.0000,
0.0000

■ 42.8567, 37.4751,
30.9612

■ 42.8567, 37.4751,
30.9612

■ 38.5881, 31.2697,
22.3496

■ 47.9397, 44.8233,
41.3423

■ 35.0887, 26.1445,
15.4067

■ 53.8733, 53.3619,
53.5817

■ 32.3133, 22.0394,
10.0248

■ 60.6951, 63.1426,
67.7648

■ 30.2108, 18.8858,
6.0829

■ 68.4397, 74.2121,
83.9713

■ 28.7236, 16.6072,
3.4420

■ 77.1396, 86.6151,
102.2761

■ 27.7838, 15.1146,
1.9355

■ 80.9614, 92.7370,
108.2407

■ 27.3750, 14.4443,
1.3452

Harmonies

Analogous

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



43.9613, 37.4751, 41.2181



42.8567, 37.4751, 30.9612



39.7782, 37.4751, 24.5638

Triad

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



42.8567, 37.4751, 30.9612



29.3723, 37.4751, 30.3703



35.4751, 37.4751, 67.3251

Complementary

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



42.8567, 37.4751, 30.9612



45.2818, 54.7336, 70.4654

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.



31.7603, 37.4751, 62.9743



42.8567, 37.4751, 30.9612



28.4050, 37.4751, 40.3927

Square

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



42.8567, 37.4751, 30.9612



31.9921, 37.4751, 24.2707



29.2457, 37.4751, 52.5388



39.5101, 37.4751, 63.5271

Rectangle

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



42.8567, 37.4751, 30.9612



37.1300, 37.4751, 22.6373



29.2457, 37.4751, 52.5388



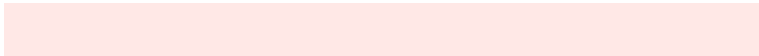
34.1494, 37.4751, 66.7549

Sweetspot

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



42.8577, 37.4769, 30.9619



84.2304, 84.5003, 86.3661



48.1450, 38.1107, 63.3705



17.7274, 17.6540, 17.8609



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.



42.8577, 37.4769, 30.9619



60.5148, 50.2692, 37.7665



49.0946, 49.9506, 33.0409



12.5093, 12.5928, 12.9320



16.9309, 8.9790, 0.8408



1.0519, 0.6031, 0.0610

Inverse Universe

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



45.2818, 54.7336, 70.4654



64.7344, 80.3651, 106.7079



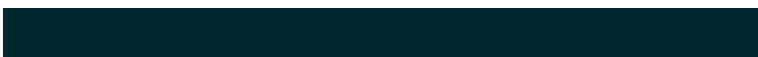
37.9166, 40.0034, 68.0103



12.6955, 13.9144, 15.9541



19.2219, 26.7055, 42.5947



1.1871, 1.6663, 2.5784

Previews

White Background



This preview shows how the XYZ color 42.8567, 37.4751, 30.9612 looks on a white background.

Color Contrast Check

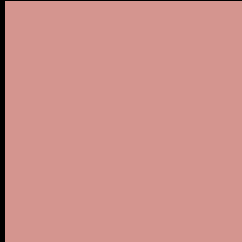
Large Text (above 18pt) WCAG AA × Fail

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 42.8567, 37.4751, 30.9612 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 42.8567, 37.4751, 30.9612

Background



This preview shows how black text looks on a background with the XYZ color 42.8567, 37.4751, 30.9612.



This preview shows how white text looks on a background with the XYZ color 42.8567, 37.4751,

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

42.8567, 37.4751, 30.9612

Protanopia

35.8356, 37.8026, 34.6860

Deuteranopia

38.4411, 37.6665, 30.4436



Tritanopia

44.0458, 37.4822, 37.2611

Trichromacy



Original Color

42.8567, 37.4751, 30.9612

Protanomaly

37.9931, 37.3735, 33.2283

Deuteranomaly

39.8925, 37.4015, 30.7078

Tritanomaly

43.7802, 37.6259, 35.0920

Monochromacy



Original Color

42.8567, 37.4751, 30.9612

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.2708, 37.6775, 37.6032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8567, 37.4751, 30.9612 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(212, 149, 143)` looks like.

```
.text, #text, p{  
    color:rgb(212, 149, 143)  
}
```

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(212, 149, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 149, 143) }
```

Border

The CSS property to change the border of an element to XYZ 42.8567, 37.4751, 30.9612 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(212, 149, 143) }
```


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

```
.border{ border-color:rgb(212, 149, 143) }
```

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

Here you see how a box with a 4 pixel rgb(212, 149, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 149, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 149, 143);  
box-shadow:4px 4px 4px 4px rgb(212, 149,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8567, 37.4751, 30.9612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 149, 143) }
```

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

```
.background{ background-color: rgb(212,  
149, 143) }
```

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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