

Converting Colors

XYZ(43.5292, 37.5752, 30.4632)

Have a look what the booklet for
XYZ(43.5292, 37.5752, 30.4632)
contains.

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Color

**XYZ(43.4967, 37.5799,
30.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	D7948E
RGB	215, 148, 142
RGB Percent	84%, 58%, 56%
CMY	0.1569, 0.4196, 0.4431
CMYK	0.00, 0.31, 0.34, 0.16
HSL	5°, 48%, 70%
HSV	5°, 34%, 84%
XYZ	43.4967, 37.5799, 30.5523
YIQ	167.3490, 41.8580, 12.3380

Conversions

Conversions Part 2

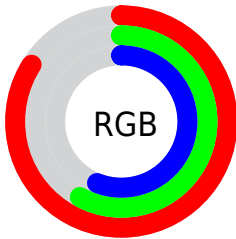
Format	Color
R _Y B	215, 149, 142
Decimal	14128270
CIE Lab	67.71, 24.49, 13.39
CIE LCh	68, 27.913, 28.670
Yxy	37.5799, 0.3897, 0.3367
Android (android.graphics.Color)	4292318350 (0xFFD7948E)
YUV	167.3490, -12.4971, 41.7899
Hunter-Lab	61.3024, 19.3741, 13.3624

Details

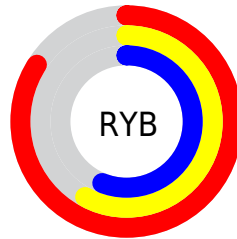
The XYZ color **43.4967, 37.5799, 30.5523** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2206, 56.2558, 72.7123**, and the grayscale version is **36.9465, 38.8705, 42.3300**.

A 20% lighter version of the original color is **72.3243, 67.4866, 61.4389**, and **20.3070, 16.5912, 12.2573** is the 20% darker color. If you saturate the color by 10%, you get **39.2000, 31.3253, 21.9095**, and if you desaturate by 10%, it is **48.6343, 45.0177, 41.0122**.

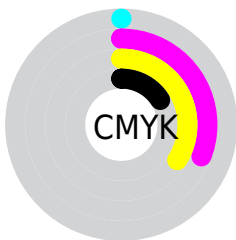
Distribution



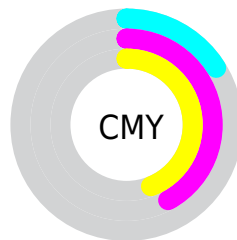
- Red (84%)
- Green (58%)
- Blue (56%)



- Red (84%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (34%)
- Black (16%)





- Cyan (16%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4967, 37.5799, 30.5523 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 43.4967, 37.5799, 30.5523 by changing the saturation by 10% instead.


 43.4967, 37.5799,
30.5523


 43.4967, 37.5799,
30.5523

351.5375,
335.8144, 318.7575


 30.4712, 25.6568,
20.0026


 79.7109, 71.4638,
61.6058

 20.3464, 16.5671,
12.2128


 103.6304, 94.1933,
82.9467

 12.7568, 9.9263,
6.7645


 131.9119,
121.2939, 108.7217

 7.3371, 5.3501,
3.2390

164.9208,
153.1497, 139.3493

 3.7220, 2.4541,
1.2180

203.0224,
190.1453, 175.2482

 1.5461, 0.8535,
0.0000

246.5822,

 0.3569, 0.0000,

232.6650, 216.8368

0.0000

295.9654,
281.0932, 264.5338

■ 0.0000, 0.0000,
0.0000

■ 43.4967, 37.5799,
30.5523

■ 43.4967, 37.5799,
30.5523

■ 39.2000, 31.3253,
21.9095

■ 48.6343, 45.0177,
41.0122

■ 35.6965, 26.1879,
14.9780

■ 54.6513, 53.6897,
53.3823

■ 32.9383, 22.1034,
9.6446

■ 61.5872, 63.6504,
67.7520

■ 30.8712, 18.9987,
5.7815

■ 69.4785, 74.9494,
84.2044

■ 29.4333, 16.7913,
3.2413

■ 78.3593, 87.6336,
102.8179

■ 28.5516, 15.3854,
1.8456

■ 81.8343, 93.1871,
108.2815

■ 28.2356, 14.8695,
1.3819

Harmonies

Analogous

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



44.6634, 37.5799, 41.4717



43.4967, 37.5799, 30.5523



40.2046, 37.5799, 23.8047

Triad

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



43.4967, 37.5799, 30.5523



29.0953, 37.5799, 29.7735



35.5265, 37.5799, 69.5373

Complementary

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



43.4967, 37.5799, 30.5523



46.2206, 56.2558, 72.7123

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.



31.5793, 37.5799, 64.7318



43.4967, 37.5799, 30.5523



28.0556, 37.5799, 40.3695

Square

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



43.4967, 37.5799, 30.5523



31.8873, 37.5799, 23.4227



28.9278, 37.5799, 53.3976



39.8451, 37.5799, 65.4828

Rectangle

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



43.4967, 37.5799, 30.5523



37.3720, 37.5799, 21.7752



28.9278, 37.5799, 53.3976



34.1146, 37.5799, 68.8896

Sweetspot

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



43.4977, 37.5817, 30.5530



84.1962, 84.4320, 86.3547



49.3470, 38.4532, 65.8813



17.7193, 17.6377, 17.8582



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.



43.4977, 37.5817, 30.5530



59.1881, 48.2900, 35.2459



49.9162, 50.4187, 32.6925



12.5045, 12.5833, 12.9305



16.9197, 8.9566, 0.8370



1.0497, 0.5986, 0.0602

Inverse Universe

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



46.2206, 56.2558, 72.7123



63.7883, 79.9020, 106.6684



38.4867, 40.7880, 70.1344



12.7008, 13.9249, 15.9559



19.3590, 26.9797, 42.6404



1.1940, 1.6801, 2.5807

Previews

White Background



This preview shows how the XYZ color 43.4967, 37.5799, 30.5523 looks on a white background.

Color Contrast Check

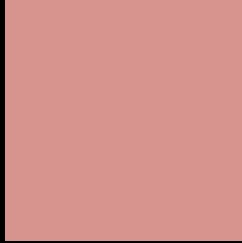
Large Text (above 18pt) WCAG AA × Fail

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 43.4967, 37.5799, 30.5523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

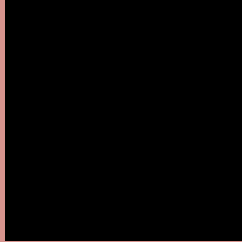
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4967, 37.5799, 30.5523

Background



This preview shows how black text looks on a background with the XYZ color 43.4967, 37.5799, 30.5523.



This preview shows how white text looks on a background with the XYZ color 43.4967, 37.5799,

30.5523.

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

43.4967, 37.5799, 30.5523

Protanopia

36.0543, 37.9153, 34.6963

Deuteranopia

38.3670, 37.6369, 30.0534



Tritanopia

44.6836, 37.5910, 36.7990

Trichromacy



Original Color

43.4967, 37.5799, 30.5523

Protanomaly

38.4825, 37.6258, 33.2512

Deuteranomaly

40.0823, 37.5079, 30.3265

Tritanomaly

44.4201, 37.7334, 34.6478

Monochromacy



Original Color

43.4967, 37.5799, 30.5523

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.5095, 37.8006, 37.6143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4967, 37.5799, 30.5523 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, 148, 142)` looks like.

```
.text, #text, p{  
    color:rgb(215, 148, 142)  
}
```

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, 148, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 148, 142) }
```

Border

The CSS property to change the border of an element to XYZ 43.4967, 37.5799, 30.5523 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, 148, 142) }
```


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

```
.border{ border-color:rgb(215, 148, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 148, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 148, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 148, 142);  
box-shadow:4px 4px 4px 4px rgb(215, 148,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4967, 37.5799, 30.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 148, 142) }
```

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

```
.background{ background-color: rgb(215,  
148, 142) }
```

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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