

# Converting Colors

XYZ(44.0129, 37.6594, 30.5327)

Have a look what the booklet for  
XYZ(44.0129, 37.6594, 30.5327)  
contains.

<b>XYZ(43.9315, 37.5721, 30.5279)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(43.9315, 37.5721,  
30.5279)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9938E
RGB	217, 147, 142
RGB Percent	85%, 58%, 56%
CMY	0.1490, 0.4235, 0.4431
CMYK	0.00, 0.32, 0.35, 0.15
HSL	4°, 50%, 70%
HSV	4°, 35%, 85%
XYZ	43.9315, 37.5721, 30.5279
YIQ	167.3600, 43.3250, 13.2850

# Conversions

## Conversions Part 2

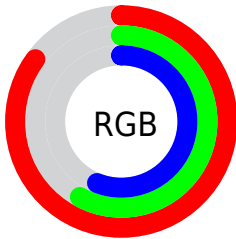
<b>Format</b>	<b>Color</b>
RYB	217, 147, 142
Decimal	14259086
CIELab	67.70, 25.80, 13.42
CIElCh	68, 29.076, 27.480
Yxy	37.5721, 0.3921, 0.3354
Android (android.graphics.Color)	4292449166 (0xFFD9938E)
YUV	167.3600, -12.5025, 43.5343
Hunter-Lab	61.2961, 20.6645, 13.3785

# Details

The XYZ color **43.9315, 37.5721, 30.5279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.2224, 57.8456, 74.3223**, and the grayscale version is **36.9513, 38.8756, 42.3356**.

A 20% lighter version of the original color is **72.0905, 67.0188, 61.3609**, and **20.6118, 16.6120, 12.2453** is the 20% darker color. If you saturate the color by 10%, you get **39.5814, 31.2302, 21.8071**, and if you desaturate by 10%, it is **49.1552, 45.1532, 41.1053**.

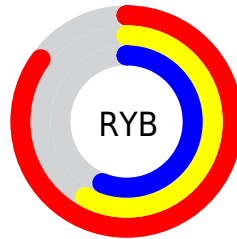
# Distribution



Red (85%)

Green (58%)

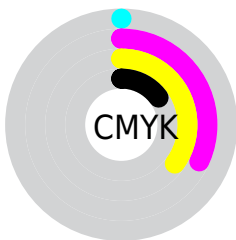
Blue (56%)



Red (85%)

Yellow (58%)

Blue (56%)

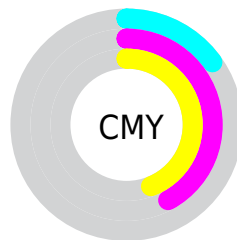


Cyan (0%)

Magenta (32%)

Yellow (35%)

Black (15%)



Cyan (15%)

Magenta (42%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9315, 37.5721, 30.5279 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 43.9315, 37.5721, 30.5279 by changing the saturation by 10% instead.





 43.9315, 37.5721,  
30.5279


 43.9315, 37.5721,  
30.5279


353.2856,  
335.7808, 318.6410


 30.8143, 25.6508,  
19.9842


 80.3616, 71.4518,  
61.5669

 20.6086, 16.5625,  
12.1996


 104.4053, 94.1790,  
82.8992

 12.9491, 9.9231,  
6.7556

 132.8219,  
121.2768, 108.6648

 7.4702, 5.3480,  
3.2336

165.9767,  
153.1298, 139.2822

 3.8068, 2.4529,  
1.2151

204.2352,  
190.1223, 175.1700

 1.5934, 0.8529,  
0.0000

247.9626,

 0.3881, 0.0000,

232.6387, 216.7467

0.0000

297.5242,  
281.0634, 264.4309

■ 0.0000, 0.0000,  
0.0000

■ 43.9315, 37.5721,  
30.5279

■ 43.9315, 37.5721,  
30.5279

■ 39.5814, 31.2302,  
21.8071

■ 49.1552, 45.1532,  
41.1053

■ 36.0543, 26.0567,  
14.8338

■ 55.2934, 54.0288,  
53.6357

■ 33.2991, 21.9816,  
9.4907

■ 62.3881, 64.2574,  
68.2111

■ 31.2578, 18.9256,  
5.6453

■ 70.4777, 75.8922,  
84.9174

■ 29.8640, 16.7985,  
3.1443

■ 79.5986, 88.9839,  
103.8355

■ 29.0388, 15.4943,  
1.8017

■ 82.4254, 93.4918,  
108.3092

■ 28.7789, 15.0789,  
1.3937

# Harmonies

## Analogous

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



45.0496, 37.5721, 42.0067



43.9315, 37.5721, 30.5279



40.5567, 37.5721, 23.4017

# Triad

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



43.9315, 37.5721, 30.5279



28.9147, 37.5721, 29.0045



35.3328, 37.5721, 70.9178

# Complementary

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



43.9315, 37.5721, 30.5279



47.2224, 57.8456, 74.3223

# 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.



31.2678, 37.5721, 65.5014



43.9315, 37.5721, 30.5279



27.7616, 37.5721, 39.8319

# Square

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



43.9315, 37.5721, 30.5279



31.8736, 37.5721, 22.6603



28.5861, 37.5721, 53.4127



39.8450, 37.5721, 67.0009



# Rectangle

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



43.9315, 37.5721, 30.5279



37.6157, 37.5721, 21.2075



28.5861, 37.5721, 53.4127



33.8720, 37.5721, 70.1068

# Sweetspot

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



43.9325, 37.5739, 30.5286



84.0851, 84.2098, 86.3177



50.1722, 38.8516, 67.1423



17.6926, 17.5844, 17.8493



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.



43.9325, 37.5739, 30.5286



58.9105, 47.7349, 35.1533



50.7426, 51.1941, 32.7987



13.1255, 13.1903, 13.5798



17.4485, 9.1825, 0.8528



1.1555, 0.6450, 0.0636



# Inverse Universe

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



47.2224, 57.8456, 74.3223



64.2854, 80.8964, 106.8341



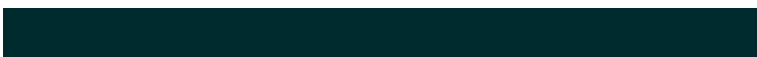
38.9129, 41.2266, 71.5524



13.3666, 14.6730, 16.7798



20.4720, 28.8135, 44.2210



1.3491, 1.9124, 2.8725



# Previews

## White Background



This preview shows how the XYZ color 43.9315, 37.5721, 30.5279 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 43.9315, 37.5721, 30.5279 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

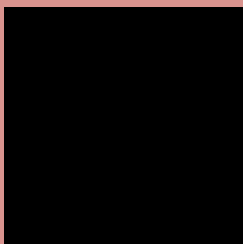
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 43.9315, 37.5721, 30.5279**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.9315, 37.5721, 30.5279.



This preview shows how white text looks on a background with the XYZ color 43.9315, 37.5721,

30.5279.

# 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

43.9315, 37.5721, 30.5279

### Protanopia

36.0543, 37.9153, 34.6963

### Deuteranopia

38.3670, 37.6369, 30.0534



## Tritanopia

45.0396, 37.5565, 36.3278

# Trichromacy



## Original Color

43.9315, 37.5721, 30.5279

## Protanomaly

38.3112, 37.2832, 33.1941

## Deuteranomaly

40.3485, 37.6451, 30.3389

## Tritanomaly

44.7782, 37.6976, 34.1944

# Monochromacy



## Original Color

43.9315, 37.5721, 30.5279

## Achromatopsia

36.7301, 38.6429, 42.0822

## Achromatomaly

38.7499, 37.9245, 37.6256

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.9315, 37.5721, 30.5279 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(217, 147, 142)` looks like.

```
.text, #text, p{  
    color:rgb(217, 147, 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(217, 147, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 147, 142) }
```

## Border

The CSS property to change the border of an element to XYZ 43.9315, 37.5721, 30.5279 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(217, 147, 142) }
```



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

```
.border{ border-color:rgb(217, 147, 142) }
```

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

Here you see how a box with a 4 pixel rgb(217, 147, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 147, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 147, 142);  
box-shadow:4px 4px 4px 4px rgb(217, 147,  
142) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.9315, 37.5721, 30.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 147, 142) }
```

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

```
.background{ background-color: rgb(217,  
147, 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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