

Converting Colors

XYZ(45.7903, 42.9755, 37.7804)

Have a look what the booklet for
XYZ(45.7903, 42.9755, 37.7804)
contains.

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Color

**XYZ(45.8354, 42.8999,
37.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A59D
RGB	209, 165, 157
RGB Percent	82%, 65%, 62%
CMY	0.1804, 0.3529, 0.3843
CMYK	0.00, 0.21, 0.25, 0.18
HSL	9°, 36%, 72%
HSV	9°, 25%, 82%
XYZ	45.8354, 42.8999, 37.7630
YIQ	177.2440, 28.7920, 6.8400

Conversions

Conversions Part 2

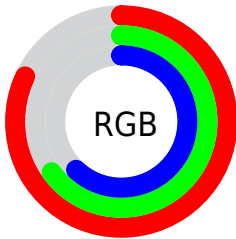
Format	Color
R _Y B	209, 166, 157
Decimal	13739421
CIE Lab	71.49, 15.00, 10.32
CIE LCh	71, 18.204, 34.540
Yxy	42.8999, 0.3623, 0.3391
Android (android.graphics.Color)	4291929501 (0xFFD1A59D)
YUV	177.2440, -9.9803, 27.8500
Hunter-Lab	65.4980, 10.2925, 11.6649

Details

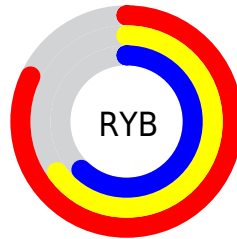
The XYZ color **45.8354, 42.8999, 37.7630** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.2993, 53.5432, 68.2164**, and the grayscale version is **41.9594, 44.1445, 48.0734**.

A 20% lighter version of the original color is **78.7169, 77.1999, 73.0396**, and **21.8331, 19.7209, 16.2915** is the 20% darker color. If you saturate the color by 10%, you get **41.2296, 36.3036, 28.1645**, and if you desaturate by 10%, it is **51.1898, 50.5042, 49.1178**.

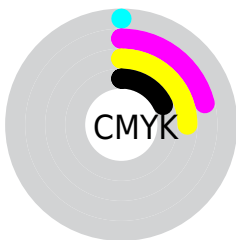
Distribution



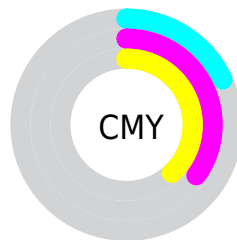
- Red (82%)
- Green (65%)
- Blue (62%)



- Red (82%)
- Yellow (65%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (25%)
- Black (18%)





- Cyan (18%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8354, 42.8999, 37.7630 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 45.8354, 42.8999, 37.7630 by changing the saturation by 10% instead.


 45.8354, 42.8999,
37.7630


 45.8354, 42.8999,
37.7630


360.8735,
358.1999, 351.8699

 32.3200, 29.8066,
25.4984


 83.2020, 79.5598,
72.9441

 21.7628, 19.6918,
16.2264


 107.7839,
103.8951, 96.6977

 13.7983, 12.1712,
9.5284


136.7854,
132.7466, 125.1181

 8.0613, 6.8604,
4.9859

170.5718,
166.4987, 158.6237

 4.1863, 3.3749,
2.1804

209.5084,
205.5356, 197.6331

 1.8081, 1.3305,
0.6630

253.9607,

 0.5225, 0.1646,

250.2419, 242.5650

0.0000

304.2940,
301.0019, 293.8377

0.0000, 0.0000,
0.0000

45.8354, 42.8999,
37.7630

45.8354, 42.8999,
37.7630

41.2296, 36.3036,
28.1645

51.1898, 50.5042,
49.1178

37.3354, 30.6673,
20.2320

57.3206, 59.1503,
62.3080

34.1178, 25.9476,
13.8709

64.2587, 68.8777,
77.4108

31.5376, 22.0959,
8.9760

72.0320, 79.7220,
94.4986

29.5511, 19.0585,
5.4294

79.6026, 91.2914,
108.0332

■ 28.1091, 16.7759,
3.0948

■ 80.1046, 92.2953,
108.2006

■ 27.1540, 15.1803,
1.8065

■ 26.8157, 14.5976,
1.4043

Harmonies

Analogous

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



46.9496, 42.8999, 45.3848



45.8354, 42.8999, 37.7630



43.3667, 42.8999, 33.0444

Triad

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



45.8354, 42.8999, 37.7630



35.6723, 42.8999, 39.8111



41.2443, 42.8999, 65.6795

Complementary

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



45.8354, 42.8999, 37.7630



46.2993, 53.5432, 68.2164

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.



38.2888, 42.8999, 63.7048



45.8354, 42.8999, 37.7630



35.1671, 42.8999, 48.0622

Square

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



45.8354, 42.8999, 37.7630



37.5177, 42.8999, 34.1187



36.1016, 42.8999, 56.9707



44.2157, 42.8999, 62.0726

Rectangle

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



45.8354, 42.8999, 37.7630



41.3395, 42.8999, 31.8169



36.1016, 42.8999, 56.9707



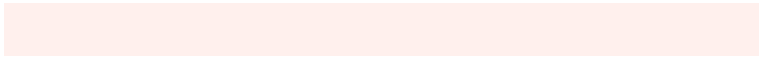
40.2157, 42.8999, 65.6497

Sweetspot

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



45.8366, 42.9019, 37.7639



87.6779, 89.6431, 92.9174



48.9179, 41.8962, 60.8905



18.6370, 19.0047, 19.6082



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.



45.8366, 42.9019, 37.7639



67.7994, 61.4408, 50.6690



50.9678, 53.1644, 39.4743



11.9536, 12.0978, 12.3171



16.5797, 9.0924, 0.8812



0.9747, 0.6036, 0.0651

Inverse Universe

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



46.2993, 53.5432, 68.2164



68.6429, 80.9799, 106.6206



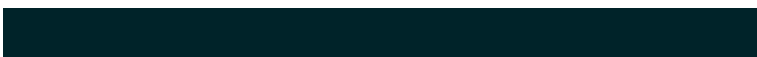
40.7826, 42.5099, 66.3775



11.9969, 13.0841, 15.1368



16.8276, 22.3018, 40.6103



0.9838, 1.3327, 2.2850

Previews

White Background



This preview shows how the XYZ color 45.8354, 42.8999, 37.7630 looks on a white background.

Color Contrast Check

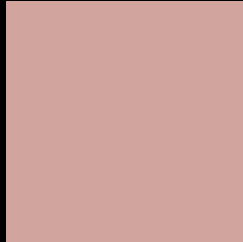
Large Text (above 18pt) WCAG AA × Fail

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 45.8354, 42.8999, 37.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

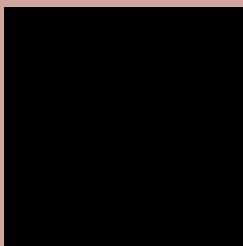
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.8354, 42.8999, 37.7630

Background



This preview shows how black text looks on a background with the XYZ color 45.8354, 42.8999, 37.7630.



This preview shows how white text looks on a background with the XYZ color 45.8354, 42.8999,

37.7630.

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

45.8354, 42.8999, 37.7630

Protanopia

41.1430, 43.2137, 40.3550

Deuteranopia

43.7419, 42.9183, 37.4311



Tritanopia

47.5222, 42.7847, 46.3110

Trichromacy



Original Color

45.8354, 42.8999, 37.7630

Protanomaly

42.6463, 42.8704, 39.2848

Deuteranomaly

44.6320, 43.1021, 37.4197

Tritanomaly

46.7434, 42.7232, 42.8285

Monochromacy



Original Color

45.8354, 42.8999, 37.7630

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.1855, 43.6082, 44.1713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8354, 42.8999, 37.7630 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(209, 165, 157)` looks like.

```
.text, #text, p{  
    color:rgb(209, 165, 157)  
}
```

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(209, 165, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 165, 157) }
```

Border

The CSS property to change the border of an element to XYZ 45.8354, 42.8999, 37.7630 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(209, 165, 157) }
```


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

```
.border{ border-color:rgb(209, 165, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 165, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 165, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 165, 157);  
box-shadow:4px 4px 4px 4px rgb(209, 165,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8354, 42.8999, 37.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 165, 157) }
```

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

```
.background{ background-color: rgb(209,  
165, 157) }
```

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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