

Converting Colors

XYZ(44.0290, 39.7482, 29.5162)

Have a look what the booklet for
XYZ(44.0290, 39.7482, 29.5162)
contains.

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Color

**XYZ(43.9165, 39.7580,
29.4042)**

Conversions

Conversions Part 1

Format	Color
Hex	D59C8A
RGB	213, 156, 138
RGB Percent	84%, 61%, 54%
CMY	0.1647, 0.3882, 0.4588
CMYK	0.00, 0.27, 0.35, 0.16
HSL	14°, 47%, 69%
HSV	14°, 35%, 84%
XYZ	43.9165, 39.7580, 29.4042
YIQ	170.9910, 39.7500, 6.4860

Conversions

Conversions Part 2

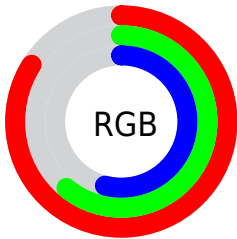
Format	Color
R _Y B	213, 162, 138
Decimal	13999242
CIE Lab	69.30, 18.89, 17.79
CIE LCh	69, 25.945, 43.287
Yxy	39.7580, 0.3884, 0.3516
Android (android.graphics.Color)	4292189322 (0xFFD59C8A)
YUV	170.9910, -16.2646, 36.8419
Hunter-Lab	63.0539, 13.9792, 16.4888

Details

The XYZ color **43.9165, 39.7580, 29.4042** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.0060, 49.2360, 70.2405**, and the grayscale version is **38.7701, 40.7892, 44.4194**.

A 20% lighter version of the original color is **73.9382, 71.6101, 59.2154**, and **20.6164, 17.7733, 11.5765** is the 20% darker color. If you saturate the color by 10%, you get **39.9856, 34.1267, 21.2173**, and if you desaturate by 10%, it is **48.5139, 46.2381, 39.3061**.

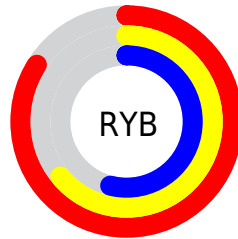
Distribution



Red (84%)

Green (61%)

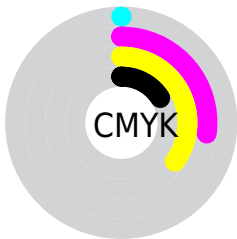
Blue (54%)



Red (84%)

Yellow (64%)

Blue (54%)

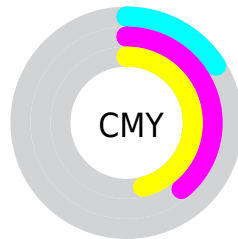


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (16%)



Cyan (16%)


Magenta (39%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9165, 39.7580, 29.4042 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 43.9165, 39.7580, 29.4042 by changing the saturation by 10% instead.

 43.9165, 39.7580,
29.4042


 43.9165, 39.7580,
29.4042


353.2254,
345.1025, 313.2377


 30.8025, 27.3499,
19.1386

 80.3392, 74.7949,
59.7685

 20.5996, 17.8362,
11.5926


 104.3786, 98.1924,
80.7043

 12.9424, 10.8324,
6.3478


 132.7906,
126.0219, 106.0338

 7.4656, 5.9543,
2.9855

165.9404,
158.6678, 136.1758

 3.8039, 2.8173,
1.0872

204.1934,
196.5144, 171.5486

 1.5918, 1.0371,
0.0000

247.9150,

 0.3870, 0.0000,

239.9461, 212.5708

0.0000

297.4706,
289.3474, 259.6610

■ 0.0000, 0.0000,
0.0000

■ 43.9165, 39.7580,
29.4042

■ 43.9165, 39.7580,
29.4042

■ 39.9856, 34.1267,
21.2173

■ 48.5139, 46.2381,
39.3061

■ 36.6861, 29.3029,
14.6448

■ 53.8045, 53.5946,
51.0109

■ 33.9843, 25.2503,
9.5791

■ 59.8172, 61.8609,
64.6036

■ 31.8419, 21.9277,
5.8985

■ 66.5783, 71.0671,
80.1628

■ 30.2155, 19.2896,
3.4620

■ 74.1127, 81.2416,
97.7628

■ 29.0545, 17.2846,
2.0979

■ 80.6558, 91.6965,
108.0559

■ 28.6302, 16.5254,
1.6807

■ 81.2506, 92.8862,
108.2542

Harmonies

Analogous

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



46.1216, 39.7580, 38.2348



43.9165, 39.7580, 29.4042



40.1365, 39.7580, 24.8451

Triad

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



43.9165, 39.7580, 29.4042



30.6330, 39.7580, 37.0294



39.6573, 39.7580, 69.6353

Complementary

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



43.9165, 39.7580, 29.4042



42.0060, 49.2360, 70.2405

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.



35.5345, 39.7580, 69.1496



43.9165, 39.7580, 29.4042



30.5254, 39.7580, 48.7716

Square

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



43.9165, 39.7580, 29.4042



32.5647, 39.7580, 28.6619



32.2594, 39.7580, 60.9756



43.5436, 39.7580, 62.2011

Rectangle

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



43.9165, 39.7580, 29.4042



37.3320, 39.7580, 24.2082



32.2594, 39.7580, 60.9756



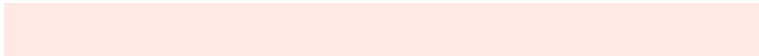
38.2493, 39.7580, 70.4285

Sweetspot

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



43.9175, 39.7599, 29.4050



84.4310, 85.4689, 84.6840



46.4363, 36.2863, 56.4834



17.8120, 17.9361, 17.5405



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.



43.9175, 39.7599, 29.4050



61.6382, 53.5166, 35.0565



51.0983, 54.1213, 31.7986



12.6629, 12.9000, 12.9833



17.5553, 10.2279, 1.0489



1.1240, 0.7471, 0.0850

Inverse Universe

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



42.0060, 49.2360, 70.2405



58.3443, 69.7058, 104.9872



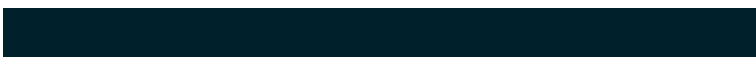
34.7188, 34.6616, 67.8114



12.5279, 13.5791, 15.8983



15.2973, 18.8563, 41.2865



0.9848, 1.2616, 2.5109

Previews

White Background



This preview shows how the XYZ color 43.9165, 39.7580, 29.4042 looks on a white background.

Color Contrast Check

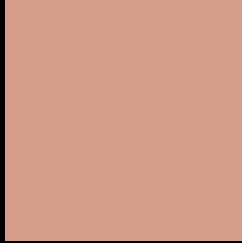
Large Text (above 18pt) WCAG AA × Fail

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 43.9165, 39.7580, 29.4042 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 43.9165, 39.7580, 29.4042

Background



This preview shows how black text looks on a background with the XYZ color 43.9165, 39.7580, 29.4042.



This preview shows how white text looks on a background with the XYZ color 43.9165, 39.7580,

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

43.9165, 39.7580, 29.4042

Protanopia

37.5821, 39.8545, 32.0975

Deuteranopia

40.6385, 39.8708, 29.2209



Tritanopia

46.2480, 39.7357, 40.3542

Trichromacy



Original Color

43.9165, 39.7580, 29.4042

Protanomaly

39.6438, 39.5803, 31.1415

Deuteranomaly

41.7148, 39.6443, 29.1204

Tritanomaly

45.3320, 39.5961, 36.2639

Monochromacy



Original Color

43.9165, 39.7580, 29.4042

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.1439, 40.2147, 38.4473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9165, 39.7580, 29.4042 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, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(213, 156, 138)  
}
```

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, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 156, 138) }
```

Border

The CSS property to change the border of an element to XYZ 43.9165, 39.7580, 29.4042 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, 156, 138) }
```


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

```
.border{ border-color:rgb(213, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(213, 156,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9165, 39.7580, 29.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 156, 138) }
```

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

```
.background{ background-color: rgb(213,  
156, 138) }
```

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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