

Converting Colors

XYZ(44.4419, 40.2275, 29.2608)

Have a look what the booklet for
XYZ(44.4419, 40.2275, 29.2608)
contains.

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Color

**XYZ(44.3039, 40.2162,
29.0944)**

Conversions

Conversions Part 1

Format	Color
Hex	D69D89
RGB	214, 157, 137
RGB Percent	84%, 62%, 54%
CMY	0.1608, 0.3843, 0.4627
CMYK	0.00, 0.27, 0.36, 0.16
HSL	16°, 48%, 69%
HSV	16°, 36%, 84%
XYZ	44.3039, 40.2162, 29.0944
YIQ	171.7630, 40.3920, 5.8640

Conversions

Conversions Part 2

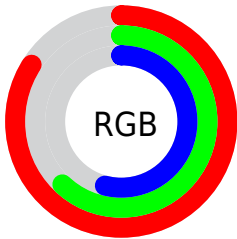
Format	Color
RYB	214, 164, 137
Decimal	14065033
CIELab	69.62, 18.61, 18.81
CIElCh	70, 26.460, 45.299
Yxy	40.2162, 0.3899, 0.3540
Android (android.graphics.Color)	4292255113 (0xFFD69D89)
YUV	171.7630, -17.1382, 37.0418
Hunter-Lab	63.4162, 13.7254, 17.1900

Details

The XYZ color **44.3039, 40.2162, 29.0944** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7453, 48.7554, 70.8289**, and the grayscale version is **39.1633, 41.2029, 44.8699**.

A 20% lighter version of the original color is **74.0777, 72.0647, 58.7208**, and **20.8724, 18.0604, 11.4027** is the 20% darker color. If you saturate the color by 10%, you get **40.4101, 34.6463, 20.9593**, and if you desaturate by 10%, it is **48.8518, 46.6067, 38.9504**.

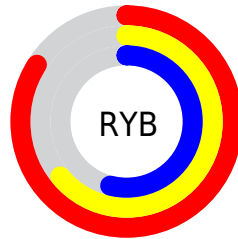
Distribution



Red (84%)

Green (62%)

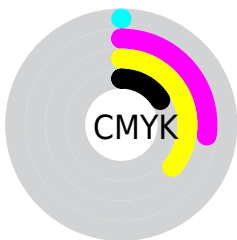
Blue (54%)



Red (84%)

Yellow (64%)

Blue (54%)

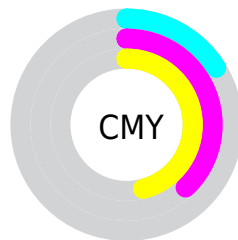


Cyan (0%)

Magenta (27%)

Yellow (36%)

Black (16%)



Cyan (16%)


Magenta (38%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3039, 40.2162, 29.0944 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 44.3039, 40.2162, 29.0944 by changing the saturation by 10% instead.

 44.3039, 40.2162,
29.0944


 44.3039, 40.2162,
29.0944


354.7783,
347.0340, 311.7350


 31.1084, 27.7072,
18.9061


 80.9184, 75.4926,
59.2710

 20.8337, 18.1050,
11.4263


 105.0681, 99.0288,
80.0963

 13.1142, 11.0254,
6.2366

 133.5999,
127.0094, 105.3044

 7.5848, 6.0839,
2.9184

166.8792,
159.8190, 135.3138

 3.8800, 2.8962,
1.0531

205.2713,
197.8418, 170.5430

 1.6345, 1.0778,
0.0000

249.1416,

 0.4147, 0.0000,

241.4623, 211.4106

0.0000

298.8555,
291.0649, 258.3350

■ 0.0000, 0.0000,
0.0000

■ 44.3039, 40.2162,
29.0944

■ 44.3039, 40.2162,
29.0944

■ 40.4101, 34.6463,
20.9593

■ 48.8518, 46.6067,
38.9504

■ 37.1358, 29.8575,
14.4429

■ 54.0798, 53.8437,
50.6166

■ 34.4481, 25.8155,
9.4361

■ 60.0162, 61.9592,
64.1788

■ 32.3091, 22.4810,
5.8149

■ 66.6868, 70.9816,
79.7167

■ 30.6764, 19.8108,
3.4354

■ 74.1161, 80.9382,
97.3055

■ 29.4993, 17.7563,
2.1195

■ 80.6070, 91.1669,
107.9563

■ 29.1263, 17.0855,
1.7627

■ 81.5416, 93.0362,
108.2678

Harmonies

Analogous

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



46.7154, 40.2162, 37.8653



44.3039, 40.2162, 29.0944



40.3489, 40.2162, 24.7341

Triad

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



44.3039, 40.2162, 29.0944



30.8107, 40.2162, 38.0808



40.4348, 40.2162, 70.6525

Complementary

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



44.3039, 40.2162, 29.0944



41.7453, 48.7554, 70.8289

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.



36.1756, 40.2162, 70.7399



44.3039, 40.2162, 29.0944



30.8299, 40.2162, 50.2995

Square

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



44.3039, 40.2162, 29.0944



32.6734, 40.2162, 29.2267



32.7280, 40.2162, 62.7470



44.3708, 40.2162, 62.5267

Rectangle

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



44.3039, 40.2162, 29.0944



37.4701, 40.2162, 24.2790



32.7280, 40.2162, 62.7470



38.9885, 40.2162, 71.6667

Sweetspot

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



44.3049, 40.2181, 29.0952



84.5886, 85.7841, 84.7366



46.4996, 36.1167, 56.0024



17.8493, 18.0108, 17.5530



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.



44.3049, 40.2181, 29.0952



61.4824, 53.5242, 34.0205



51.7063, 55.0208, 31.5623



12.6830, 12.9401, 12.9899



17.6771, 10.4714, 1.0895



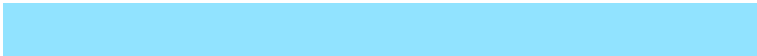
1.1337, 0.7666, 0.0882

Inverse Universe

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



41.7453, 48.7554, 70.8289



57.1250, 67.9439, 104.7114



34.3850, 34.0348, 68.3755



12.5065, 13.5363, 15.8911



14.8567, 17.9752, 41.1397



0.9614, 1.2148, 2.5031

Previews

White Background



This preview shows how the XYZ color 44.3039, 40.2162, 29.0944 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 44.3039, 40.2162, 29.0944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

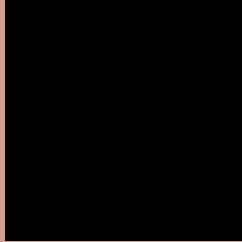
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3039, 40.2162, 29.0944

Background



This preview shows how black text looks on a background with the XYZ color 44.3039, 40.2162, 29.0944.



This preview shows how white text looks on a background with the XYZ color 44.3039, 40.2162,

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

44.3039, 40.2162, 29.0944

Protanopia

38.1550, 40.4359, 31.7805

Deuteranopia

41.2726, 40.4706, 28.9289



Tritanopia

46.7980, 40.2508, 40.9000

Trichromacy



Original Color

44.3039, 40.2162, 29.0944

Protanomaly

40.0011, 40.0398, 30.8195

Deuteranomaly

42.0906, 40.1047, 28.8151

Tritanomaly

45.7909, 40.0767, 36.3325

Monochromacy



Original Color

44.3039, 40.2162, 29.0944

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.5702, 40.7054, 38.5195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3039, 40.2162, 29.0944 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(214, 157, 137)` looks like.

```
.text, #text, p{  
    color:rgb(214, 157, 137)  
}
```

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(214, 157, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 157, 137) }
```

Border

The CSS property to change the border of an element to XYZ 44.3039, 40.2162, 29.0944 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(214, 157, 137) }
```


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

```
.border{ border-color:rgb(214, 157, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 157, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 157, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 157, 137);  
box-shadow:4px 4px 4px 4px rgb(214, 157,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3039, 40.2162, 29.0944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 157, 137) }
```

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

```
.background{ background-color: rgb(214,  
157, 137) }
```

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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