

Converting Colors

XYZ(43.1731, 40.5942, 36.3605)

Have a look what the booklet for
XYZ(43.1731, 40.5942, 36.3605)
contains.

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Color

**XYZ(43.0184, 40.4129,
36.5435)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA19B
RGB	202, 161, 155
RGB Percent	79%, 63%, 61%
CMY	0.2078, 0.3686, 0.3922
CMYK	0.00, 0.20, 0.23, 0.21
HSL	8°, 31%, 70%
HSV	8°, 23%, 79%
XYZ	43.0184, 40.4129, 36.5435
YIQ	172.5750, 26.3620, 6.8260

Conversions

Conversions Part 2

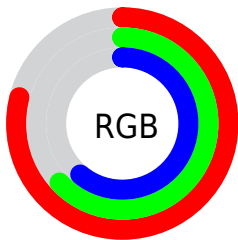
Format	Color
R _Y B	202, 162, 155
Decimal	13279643
CIE Lab	69.76, 14.23, 8.88
CIE LCh	70, 16.768, 31.968
Yxy	40.4129, 0.3586, 0.3368
Android (android.graphics.Color)	4291469723 (0xFFCAA19B)
YUV	172.5750, -8.6645, 25.8057
Hunter-Lab	63.5711, 9.5409, 10.4173

Details

The XYZ color **43.0184, 40.4129, 36.5435** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.9176, 50.7112, 63.3509**, and the grayscale version is **39.5384, 41.5975, 45.2997**.

A 20% lighter version of the original color is **77.3045, 74.9752, 70.7189**, and **20.0000, 18.1398, 15.5439** is the 20% darker color. If you saturate the color by 10%, you get **38.5969, 34.0612, 27.3885**, and if you desaturate by 10%, it is **48.1599, 47.7496, 47.3395**.

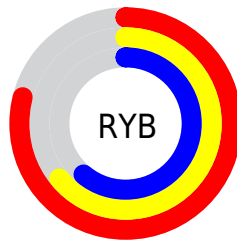
Distribution



Red (79%)

Green (63%)

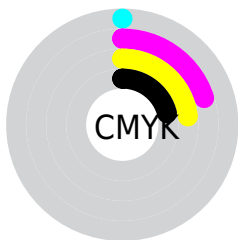
Blue (61%)



Red (79%)

Yellow (64%)

Blue (61%)

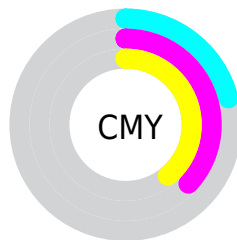


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (21%)



Cyan (21%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0184, 40.4129, 36.5435 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 43.0184, 40.4129, 36.5435 by changing the saturation by 10% instead.


 43.0184, 40.4129,
36.5435


 43.0184, 40.4129,
36.5435


349.6077,
347.8608, 346.4389

 30.0941, 27.8606,
24.5612


 78.9942, 75.7919,
71.0486

 20.0585, 18.2206,
15.5344


 102.7764, 99.3873,
94.4085

 12.5461, 11.1085,
9.0445


130.9086,
127.4326, 122.3980

 7.1916, 6.1399,
4.6730

163.7562,
160.3122, 155.4357

 3.6296, 2.9303,
2.0014

201.6846,
198.4104, 193.9401

 1.4948, 1.0955,
0.5561

245.0591,

 0.3223, 0.0000,

242.1117, 238.3297

0.0000

294.2450,
291.8003, 289.0231

■ 0.0000, 0.0000,
0.0000

■ 43.0184, 40.4129,
36.5435

■ 43.0184, 40.4129,
36.5435

■ 38.5969, 34.0612,
27.3885

■ 48.1599, 47.7496,
47.3395

■ 34.8598, 28.6472,
19.7917

■ 54.0481, 56.1051,
59.8487

■ 31.7737, 24.1280,
13.6668

■ 60.7125, 65.5181,
74.1422

■ 29.3008, 20.4553,
8.9181

■ 68.1801, 76.0240,
90.2863

■ 27.3996, 17.5759,
5.4385

■ 76.3147, 87.5916,
107.4924

■ 26.0230, 15.4308,
3.1052

■ 78.1672, 91.2966,
108.1099

■ 25.1164, 13.9523,
1.7707

■ 24.7223, 13.2868,
1.2616

Harmonies

Analogous

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



43.8756, 40.4129, 43.4908



43.0184, 40.4129, 36.5435



40.9205, 40.4129, 32.0677

Triad

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



43.0184, 40.4129, 36.5435



33.9797, 40.4129, 37.3357



38.5910, 40.4129, 60.7234

Complementary

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



43.0184, 40.4129, 36.5435



43.9176, 50.7112, 63.3509

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.



36.0067, 40.4129, 58.5831



43.0184, 40.4129, 36.5435



33.4206, 40.4129, 44.5188

Square

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



43.0184, 40.4129, 36.5435



35.7098, 40.4129, 32.4858



34.1454, 40.4129, 52.4137



41.2456, 40.4129, 57.9633

Rectangle

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



43.0184, 40.4129, 36.5435



39.1463, 40.4129, 30.7820



34.1454, 40.4129, 52.4137



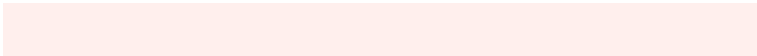
37.6855, 40.4129, 60.5524

Sweetspot

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



43.0195, 40.4148, 36.5443



87.5406, 89.3684, 92.8717



46.1016, 40.0088, 57.8264



18.6053, 18.9413, 19.5977



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.



43.0195, 40.4148, 36.5443



68.8582, 62.7207, 53.6050



47.4109, 49.1976, 38.0081



11.3259, 11.4408, 11.6908



15.9449, 8.6227, 0.8240



0.8616, 0.5229, 0.0555

Inverse Universe

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



43.9176, 50.7112, 63.3509



70.6404, 83.1989, 106.9436



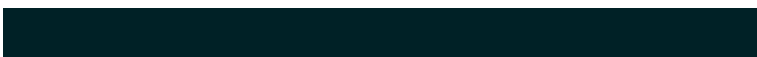
39.1255, 41.1268, 61.7535



11.4163, 12.4730, 14.3762



16.9208, 22.8655, 39.4779



0.9079, 1.2496, 2.0483

Previews

White Background



This preview shows how the XYZ color 43.0184, 40.4129, 36.5435 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 43.0184, 40.4129, 36.5435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

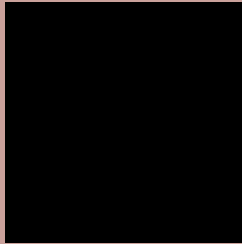
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0184, 40.4129, 36.5435

Background



This preview shows how black text looks on a background with the XYZ color 43.0184, 40.4129, 36.5435.



This preview shows how white text looks on a background with the XYZ color 43.0184, 40.4129,

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

43.0184, 40.4129, 36.5435

Protanopia

38.6244, 40.5176, 39.0427

Deuteranopia

41.2802, 40.5808, 36.2290



Tritanopia

44.6507, 40.5739, 44.0063

Trichromacy



Original Color

43.0184, 40.4129, 36.5435

Protanomaly

39.9979, 40.4203, 38.0415

Deuteranomaly

41.8731, 40.6198, 36.2053

Tritanomaly

43.9909, 40.5547, 41.1066

Monochromacy



Original Color

43.0184, 40.4129, 36.5435

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.8381, 41.3195, 41.8994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0184, 40.4129, 36.5435 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(202, 161, 155)` looks like.

```
.text, #text, p{  
    color:rgb(202, 161, 155)  
}
```

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(202, 161, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 161, 155) }
```

Border

The CSS property to change the border of an element to XYZ 43.0184, 40.4129, 36.5435 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(202, 161, 155) }
```


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

```
.border{ border-color:rgb(202, 161, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 161, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 161, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 161, 155);  
box-shadow:4px 4px 4px 4px rgb(202, 161,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0184, 40.4129, 36.5435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 161, 155) }
```

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

```
.background{ background-color: rgb(202,  
161, 155) }
```

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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