

Converting Colors

XYZ(42.3428, 40.9167, 43.0509)

Have a look what the booklet for
XYZ(42.3428, 40.9167, 43.0509)
contains.

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Color

**XYZ(42.3548, 40.9813,
43.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A5A9
RGB	192, 165, 169
RGB Percent	75%, 65%, 66%
CMY	0.2471, 0.3529, 0.3372
CMYK	0.00, 0.14, 0.12, 0.25
HSL	351°, 18%, 70%
HSV	351°, 14%, 75%
XYZ	42.3548, 40.9813, 43.2140
YIQ	173.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

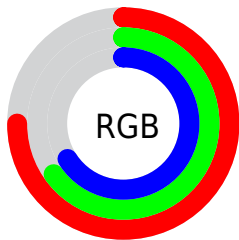
Format	Color
RYB	192, 165, 169
Decimal	12625321
CIELab	70.16, 10.52, 1.58
CIElCh	70, 10.634, 8.539
Yxy	40.9813, 0.3347, 0.3238
Android (android.graphics.Color)	4290815401 (0xFFC0A5A9)
YUV	173.5290, -2.2328, 16.1991
Hunter-Lab	64.0166, 6.0704, 4.7883

Details

The XYZ color **42.3548, 40.9813, 43.2140** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4454, 49.3305, 54.8112**, and the grayscale version is **39.9974, 42.0803, 45.8255**.

A 20% lighter version of the original color is **78.1147, 76.7080, 81.2100**, and **19.5972, 18.4979, 19.3672** is the 20% darker color. If you saturate the color by 10%, you get **37.7076, 33.9923, 34.5567**, and if you desaturate by 10%, it is **47.7164, 49.0906, 53.0583**.

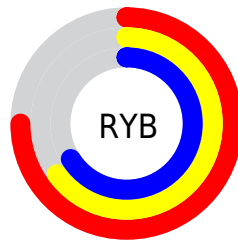
Distribution



Red (75%)

Green (65%)

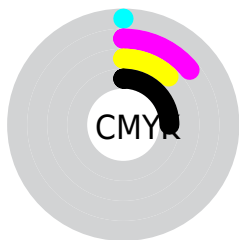
Blue (66%)



Red (75%)

Yellow (65%)

Blue (66%)

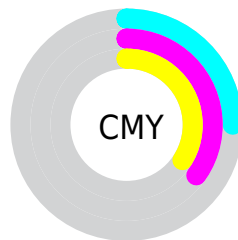


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3548, 40.9813, 43.2140 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 42.3548, 40.9813, 43.2140 by changing the saturation by 10% instead.


 42.3548, 40.9813,
43.2140


 42.3548, 40.9813,
43.2140


346.9183,
350.2425, 375.4381

 29.5715, 28.3045,
29.7204


 77.9981, 76.6555,
81.3235

 19.6600, 18.5553,
19.3762


 101.5889,
100.4217, 106.7765

 12.2550, 11.3494,
11.7629


129.5128,
128.6531, 137.0531

 6.9910, 6.3024,
6.4619

162.1354,
161.7341, 172.5717

 3.5028, 3.0298,
3.0546

199.8218,
200.0492, 213.7510

 1.4249, 1.1473,
1.1226

242.9376,

 0.2738, 0.0180,

243.9827, 261.0095

0.0000

291.8479,
293.9189, 314.7657

■ 0.0000, 0.0000,
0.0000

■ 42.3548, 40.9813,
43.2140

■ 42.3548, 40.9813,
43.2140

■ 37.7076, 33.9923,
34.5567

■ 47.7164, 49.0906,
53.0583

■ 33.7411, 28.0691,
27.0388

■ 53.8172, 58.3607,
64.1295

■ 30.4242, 23.1608,
20.6135

■ 60.6852, 68.8369,
76.4689

■ 27.7219, 19.2104,
15.2296

■ 68.3459, 80.5601,
90.1149

■ 25.5958, 16.1549,
10.8317

■ 74.8778, 89.6783,
104.4559

■ 24.0034, 13.9241,
7.3595

■ 75.5484, 89.9466,
107.9873

■ 22.8958, 12.4370,
4.7455

■ 22.2149, 11.5961,
2.9130

■ 21.9532, 11.2925,
2.1480

Harmonies

Analogous

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



42.1490, 40.9813, 48.2201



42.3548, 40.9813, 43.2140



41.6276, 40.9813, 38.9139

Triad

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



42.3548, 40.9813, 43.2140



36.9039, 40.9813, 37.5384



37.7401, 40.9813, 54.1467

Complementary

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



42.3548, 40.9813, 43.2140



43.4454, 49.3305, 54.8112

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.



36.3926, 40.9813, 50.8620



42.3548, 40.9813, 43.2140



35.9199, 40.9813, 41.2068

Square

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



42.3548, 40.9813, 43.2140



38.4568, 40.9813, 35.8007



35.7356, 40.9813, 46.0596



39.4504, 40.9813, 54.7842

Rectangle

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



42.3548, 40.9813, 43.2140



40.7240, 40.9813, 36.9370



35.7356, 40.9813, 46.0596



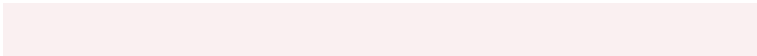
37.2312, 40.9813, 53.3044

Sweetspot

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



42.3559, 40.9831, 43.2149



86.4549, 88.9430, 96.1311



43.6975, 41.4029, 55.5581



18.3792, 18.8262, 20.3161



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.3559, 40.9831, 43.2149



73.9026, 69.9736, 73.0331



43.7542, 44.3709, 41.8579



10.1326, 10.1017, 10.7889



14.7901, 7.6058, 1.5409



0.6589, 0.3366, 0.1712

Inverse Universe

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



42.3559, 40.9831, 43.2149



73.9026, 69.9736, 73.0331



41.8738, 45.4881, 56.4427



10.1326, 10.1017, 10.7889



14.7901, 7.6058, 1.5409



0.6589, 0.3366, 0.1712

Previews

White Background



This preview shows how the XYZ color 42.3548, 40.9813, 43.2140 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 42.3548, 40.9813, 43.2140 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

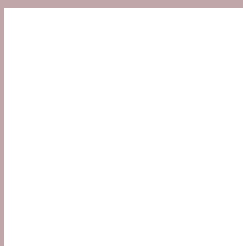
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3548, 40.9813, 43.2140

Background



This preview shows how black text looks on a background with the XYZ color 42.3548, 40.9813, 43.2140.



This preview shows how white text looks on a background with the XYZ color 42.3548, 40.9813,

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

42.3548, 40.9813, 43.2140

Protanopia

39.4649, 41.1030, 44.8834

Deuteranopia

41.7839, 40.9558, 43.2391



Tritanopia

43.2036, 41.0627, 47.2438

Trichromacy



Original Color

42.3548, 40.9813, 43.2140

Protanomaly

40.5947, 41.1400, 44.3293

Deuteranomaly

42.0329, 41.0842, 43.2508

Tritanomaly

42.9078, 40.9444, 45.6860

Monochromacy



Original Color

42.3548, 40.9813, 43.2140

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.0654, 41.9281, 44.9583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3548, 40.9813, 43.2140 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(192, 165, 169)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 169)  
}
```

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(192, 165, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 169) }
```

Border

The CSS property to change the border of an element to XYZ 42.3548, 40.9813, 43.2140 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(192, 165, 169) }
```


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

```
.border{ border-color:rgb(192, 165, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 169);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3548, 40.9813, 43.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 169) }
```

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

```
.background{ background-color: rgb(192,  
165, 169) }
```

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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