

Converting Colors

XYZ(43.2839, 40.5003, 49.4835)

Have a look what the booklet for
XYZ(43.2839, 40.5003, 49.4835)
contains.

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Color

**XYZ(43.2531, 40.5143,
49.2564)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A2B5
RGB	193, 162, 181
RGB Percent	76%, 64%, 71%
CMY	0.2431, 0.3647, 0.2902
CMYK	0.00, 0.16, 0.06, 0.24
HSL	323°, 20%, 70%
HSV	323°, 16%, 76%
XYZ	43.2531, 40.5143, 49.2564
YIQ	173.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

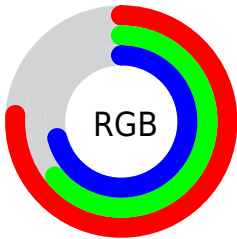
Format	Color
RYB	193, 162, 181
Decimal	12690101
CIELab	69.83, 14.61, -5.54
CIElCh	70, 15.629, 339.233
Yxy	40.5143, 0.3252, 0.3046
Android (android.graphics.Color)	4290880181 (0xFFC1A2B5)
YUV	173.4350, 3.7295, 17.1585
Hunter-Lab	63.6508, 9.9084, -1.3262

Details

The XYZ color **43.2531, 40.5143, 49.2564** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6118, 48.8783, 47.2879**, and the grayscale version is **39.9206, 41.9996, 45.7376**.

A 20% lighter version of the original color is **79.5233, 76.0641, 90.6113**, and **20.1197, 18.1993, 22.8745** is the 20% darker color. If you saturate the color by 10%, you get **39.3649, 33.9315, 44.2789**, and if you desaturate by 10%, it is **47.7066, 48.1606, 54.6262**.

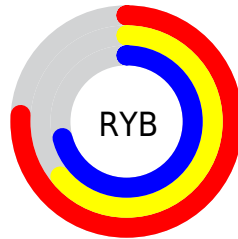
Distribution



Red (76%)

Green (64%)

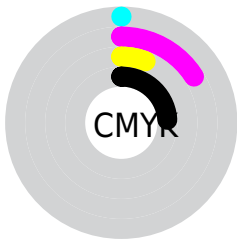
Blue (71%)



Red (76%)

Yellow (64%)

Blue (71%)

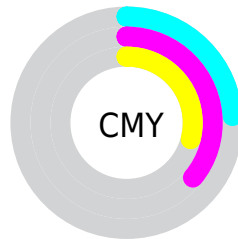


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2531, 40.5143, 49.2564 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 43.2531, 40.5143, 49.2564 by changing the saturation by 10% instead.


 43.2531, 40.5143,
49.2564


 43.2531, 40.5143,
49.2564


350.5555,
348.2865, 400.4023

 30.2791, 27.9398,
34.4559


 79.3460, 75.9460,
90.4571

 20.1997, 18.2803,
22.9638

 103.1956, 99.5720,
117.6943

 12.6494, 11.1514,
14.3618

131.4012,
127.6506, 149.9142

 7.2629, 6.1688,
8.2311

164.3281,
160.5662, 187.5353

 3.6748, 2.9480,
4.1533

202.3416,
198.7032, 230.9761

 1.5199, 1.1046,
1.7098

245.8071,

 0.3393, 0.0000,

242.4460, 280.6551

0.3674

295.0899,
292.1790, 336.9910

■ 0.0000, 0.0000,
0.0000

■ 43.2531, 40.5143,
49.2564

■ 43.2531, 40.5143,
49.2564

■ 39.3649, 33.9315,
44.2789

■ 47.7066, 48.1606,
54.6262

■ 36.0140, 28.3593,
39.6798

■ 52.7447, 56.9098,
60.3963

■ 33.1755, 23.7481,
35.4480

■ 58.3900, 66.8057,
66.5777

■ 30.8208, 20.0419,
31.5707

■ 64.6629, 77.8882,
73.1804

■ 28.9186, 17.1790,
28.0341

■ 70.4546, 87.9384,
79.8374

■ 27.4336, 15.0900,
24.8228

■ 71.4569, 88.3393,
85.1155

■ 26.3247, 13.6940,
21.9197

■ 72.5039, 88.7581,
90.6290

■ 25.5402, 12.8887,
19.3038

■ 73.5962, 89.1950,
96.3807

■ 25.2794, 12.6523,
18.3376

■ 74.7342, 89.6502,
102.3734

Harmonies

Analogous

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



41.6773, 40.5143, 55.8482



43.2531, 40.5143, 49.2564



43.5279, 40.5143, 41.9086

Triad

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



43.2531, 40.5143, 49.2564



37.7299, 40.5143, 31.7065



34.8501, 40.5143, 53.5561

Complementary

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



43.2531, 40.5143, 49.2564



41.6118, 48.8783, 47.2879

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.



33.8890, 40.5143, 46.3938



43.2531, 40.5143, 49.2564



35.5029, 40.5143, 34.1492

Square

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



43.2531, 40.5143, 49.2564



40.2639, 40.5143, 32.2933



34.1226, 40.5143, 39.3411



36.8031, 40.5143, 58.5138

Rectangle

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



43.2531, 40.5143, 49.2564



42.9250, 40.5143, 37.6339



34.1226, 40.5143, 39.3411



34.4043, 40.5143, 51.2965

Sweetspot

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



43.2543, 40.5161, 49.2573



86.2811, 87.7051, 98.8177



39.9772, 38.6782, 55.8112



18.3802, 18.5909, 21.0475



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.



43.2543, 40.5161, 49.2573



75.1046, 68.5423, 85.2573



41.7619, 39.9191, 41.3984



10.3267, 10.1793, 11.8110



16.8537, 8.4312, 12.4077



0.7611, 0.3775, 0.7094

Inverse Universe

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



43.2543, 40.5161, 49.2573



75.1046, 68.5423, 85.2573



43.1985, 49.5130, 55.6435



10.3267, 10.1793, 11.8110



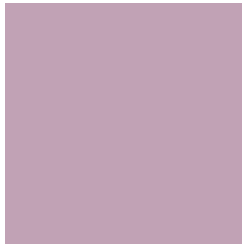
16.8537, 8.4312, 12.4077



0.7611, 0.3775, 0.7094

Previews

White Background



This preview shows how the XYZ color 43.2531, 40.5143, 49.2564 looks on a white background.

Color Contrast Check

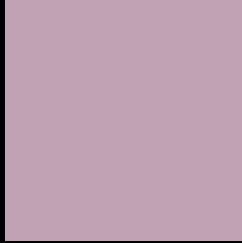
Large Text (above 18pt) WCAG AA × Fail

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 43.2531, 40.5143, 49.2564 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 43.2531, 40.5143, 49.2564

Background



This preview shows how black text looks on a background with the XYZ color 43.2531, 40.5143, 49.2564.



This preview shows how white text looks on a background with the XYZ color 43.2531, 40.5143,

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

43.2531, 40.5143, 49.2564

Protanopia

39.5998, 40.7296, 52.2288

Deuteranopia

41.4029, 40.6350, 48.8412



Tritanopia

42.6719, 40.5354, 46.6494

Trichromacy



Original Color

43.2531, 40.5143, 49.2564

Protanomaly

40.8305, 40.5631, 51.0249

Deuteranomaly

42.1869, 40.7704, 48.8260

Tritanomaly

42.8713, 40.6152, 47.6994

Monochromacy



Original Color

43.2531, 40.5143, 49.2564

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.8468, 41.2138, 46.8765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2531, 40.5143, 49.2564 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(193, 162, 181)` looks like.

```
.text, #text, p{  
    color:rgb(193, 162, 181)  
}
```

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(193, 162, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 162, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.2531, 40.5143, 49.2564 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(193, 162, 181) }
```


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

```
.border{ border-color:rgb(193, 162, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 162, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 162, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 162, 181);  
box-shadow:4px 4px 4px 4px rgb(193, 162,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2531, 40.5143, 49.2564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 162, 181) }
```

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

```
.background{ background-color: rgb(193,  
162, 181) }
```

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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