

Converting Colors

XYZ(40.6898, 36.8578, 42.1813)

Have a look what the booklet for
XYZ(40.6898, 36.8578, 42.1813)
contains.

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Color

**XYZ(40.5443, 36.7530,
42.0029)**

Conversions

Conversions Part 1

Format	Color
Hex	C298A8
RGB	194, 152, 168
RGB Percent	76%, 60%, 66%
CMY	0.2392, 0.4039, 0.3412
CMYK	0.00, 0.22, 0.13, 0.24
HSL	337°, 26%, 68%
HSV	337°, 22%, 76%
XYZ	40.5443, 36.7530, 42.0029
YIQ	166.3820, 19.8960, 13.8800

Conversions

Conversions Part 2

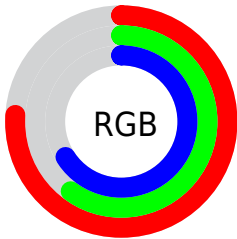
Format	Color
RYB	194, 152, 168
Decimal	12753064
CIELab	67.09, 18.23, -2.33
CIELCh	67, 18.382, 352.716
Yxy	36.7530, 0.3399, 0.3081
Android (android.graphics.Color)	4290943144 (0xFFC298A8)
YUV	166.3820, 0.7977, 24.2210
Hunter-Lab	60.6243, 13.2848, 1.3585

Details

The XYZ color **40.5443, 36.7530, 42.0029** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2781, 48.4744, 49.3555**, and the grayscale version is **36.4208, 38.3175, 41.7277**.

A 20% lighter version of the original color is **75.1743, 69.9796, 79.3573**, and **18.6213, 16.1438, 18.6576** is the 20% darker color. If you saturate the color by 10%, you get **36.5818, 30.5364, 35.4143**, and if you desaturate by 10%, it is **45.1273, 44.0442, 49.3092**.

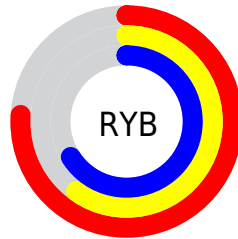
Distribution



Red (76%)

Green (60%)

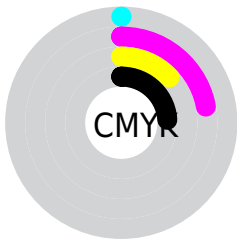
Blue (66%)



Red (76%)

Yellow (60%)

Blue (66%)

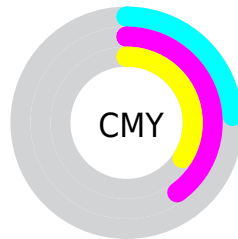


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (40%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5443, 36.7530, 42.0029 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 40.5443, 36.7530, 42.0029 by changing the saturation by 10% instead.


 40.5443, 36.7530,
42.0029


 40.5443, 36.7530,
42.0029

339.5076,
332.2399, 370.2950

 28.1493, 25.0163,
28.7780


 75.2707, 70.1927,
79.4742

 18.5792, 16.0892,
18.6688


 98.3328, 92.6646,
104.5576

 11.4688, 9.5873,
11.2568


125.6814,
119.4836, 134.4309

 6.4527, 5.1262,
6.1235

157.6817,
151.0341, 169.5126

 3.1655, 2.3215,
2.8503

194.6991,
187.7007, 210.2214

 1.2419, 0.7851,
1.0187

237.0990,

 0.1391, 0.0000,

229.8675, 256.9757

0.0000

285.2467,
277.9191, 310.1940

0.0000, 0.0000,
0.0000

40.5443, 36.7530,
42.0029

40.5443, 36.7530,
42.0029

36.5818, 30.5364,
35.4143

45.1273, 44.0442,
49.3092

33.2088, 25.3384,
29.5180

50.3535, 52.4528,
57.3526

30.3964, 21.1052,
24.2904

56.2486, 62.0251,
66.1549

28.1119, 17.7762,
19.7056

62.8357, 72.8036,
75.7360

26.3188, 15.2838,
15.7357

70.1368, 84.8285,
86.1151

■ 24.9758, 13.5508,
12.3504

■ 73.7462, 89.2846,
95.8353

■ 24.0341, 12.4851,
9.5156

■ 75.5910, 90.0225,
105.5501

■ 23.4808, 11.9624,
7.5314

■ 76.0584, 90.2095,
108.0112

Harmonies

Analogous

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



39.3894, 36.7530, 50.0935



40.5443, 36.7530, 42.0029



40.1329, 36.7530, 34.3590

Triad

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



40.5443, 36.7530, 42.0029



32.8964, 36.7530, 27.4236



31.7745, 36.7530, 53.5682

Complementary

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



40.5443, 36.7530, 42.0029



40.2781, 48.4744, 49.3555

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.



30.2022, 36.7530, 46.2660



40.5443, 36.7530, 42.0029



30.8254, 36.7530, 31.3927

Square

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



40.5443, 36.7530, 42.0029



35.6191, 36.7530, 26.5998



29.8642, 36.7530, 38.0962



34.2551, 36.7530, 57.3254

Rectangle

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



40.5443, 36.7530, 42.0029



39.0355, 36.7530, 30.4511



29.8642, 36.7530, 38.0962



31.1278, 36.7530, 51.4036

Sweetspot

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



40.5453, 36.7547, 42.0037



86.8687, 87.9990, 97.2584



39.3044, 35.8065, 55.8792



18.8847, 19.0477, 21.0853



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.



40.5453, 36.7547, 42.0037



69.8989, 60.9850, 70.2516



39.9570, 37.8182, 34.9015



10.2284, 10.1400, 11.2932



15.4750, 7.8797, 5.1473



0.7023, 0.3539, 0.3996

Inverse Universe

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



40.5453, 36.7547, 42.0037



69.8989, 60.9850, 70.2516



40.9069, 47.0097, 57.9572



10.2284, 10.1400, 11.2932



15.4750, 7.8797, 5.1473



0.7023, 0.3539, 0.3996

Previews

White Background



This preview shows how the XYZ color 40.5443, 36.7530, 42.0029 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 40.5443, 36.7530, 42.0029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

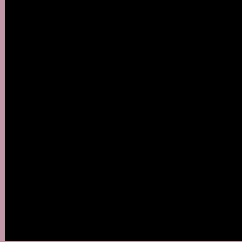
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5443, 36.7530, 42.0029

Background



This preview shows how black text looks on a background with the XYZ color 40.5443, 36.7530, 42.0029.



This preview shows how white text looks on a background with the XYZ color 40.5443, 36.7530,

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

40.5443, 36.7530, 42.0029

Protanopia

35.8414, 37.0369, 45.3042

Deuteranopia

37.5620, 36.7087, 41.6650



Tritanopia

40.3402, 36.9321, 40.1244

Trichromacy



Original Color

40.5443, 36.7530, 42.0029

Protanomaly

37.3001, 36.7735, 44.1618

Deuteranomaly

38.6307, 36.7573, 41.6180

Tritanomaly

40.4309, 36.9684, 40.6020

Monochromacy



Original Color

40.5443, 36.7530, 42.0029

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.6244, 37.5099, 41.8163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5443, 36.7530, 42.0029 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(194, 152, 168)` looks like.

```
.text, #text, p{  
    color:rgb(194, 152, 168)  
}
```

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(194, 152, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 152, 168) }
```

Border

The CSS property to change the border of an element to XYZ 40.5443, 36.7530, 42.0029 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(194, 152, 168) }
```


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

```
.border{ border-color:rgb(194, 152, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 152, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 152, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 152, 168);  
box-shadow:4px 4px 4px 4px rgb(194, 152,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5443, 36.7530, 42.0029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 152, 168) }
```

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

```
.background{ background-color: rgb(194,  
152, 168) }
```

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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