

Converting Colors

XYZ(40.1446, 36.0705, 49.3867)

Have a look what the booklet for
XYZ(40.1446, 36.0705, 49.3867)
contains.

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Color

**XYZ(40.3529, 36.2435,
49.6686)**

Conversions

Conversions Part 1

Format	Color
Hex	BC97B7
RGB	188, 151, 183
RGB Percent	74%, 59%, 72%
CMY	0.2627, 0.4078, 0.2823
CMYK	0.00, 0.20, 0.03, 0.26
HSL	308°, 22%, 66%
HSV	308°, 20%, 74%
XYZ	40.3529, 36.2435, 49.6686
YIQ	165.7110, 11.7800, 17.7960

Conversions

Conversions Part 2

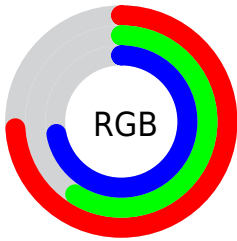
Format	Color
RYB	188, 151, 183
Decimal	12359607
CIELab	66.71, 19.30, -11.36
CIELCh	67, 22.400, 329.517
Yxy	36.2435, 0.3196, 0.2870
Android (android.graphics.Color)	4290549687 (0xFFBC97B7)
YUV	165.7110, 8.5235, 19.5475
Hunter-Lab	60.2026, 14.2914, -6.7739

Details

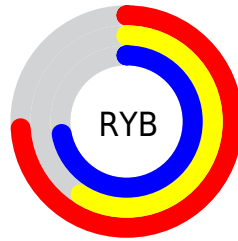
The XYZ color **40.3529, 36.2435, 49.6686** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.7479, 44.9471, 38.1934**, and the grayscale version is **36.0632, 37.9413, 41.3180**.

A 20% lighter version of the original color is **74.7195, 69.1277, 91.0662**, and **18.4180, 15.7944, 23.1970** is the 20% darker color. If you saturate the color by 10%, you get **37.3035, 30.5636, 47.3594**, and if you desaturate by 10%, it is **43.8917, 42.8934, 52.1653**.

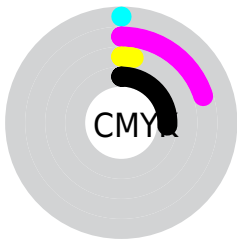
Distribution



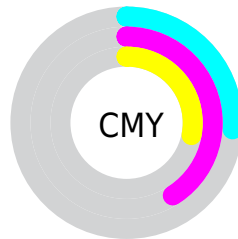
- Red (74%)
- Green (59%)
- Blue (72%)



- Red (74%)
- Yellow (59%)
- Blue (72%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (26%)





- Cyan (26%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3529, 36.2435, 49.6686 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 40.3529, 36.2435, 49.6686 by changing the saturation by 10% instead.


 40.3529, 36.2435,
49.6686


 40.3529, 36.2435,
49.6686

338.7177,
330.0236, 402.0664

 27.9992, 24.6223,
34.7808


 74.9815, 69.4077,
91.0749

 18.4655, 15.7959,
23.2119


 97.9872, 91.7196,
118.4305

 11.3864, 9.3798,
14.5433


125.2743,
118.3638, 150.7791

 6.3966, 4.9898,
8.3564

157.2081,
149.7247, 188.5393

 3.1306, 2.2413,
4.2328

194.1539,
186.1867, 232.1296

 1.2232, 0.7423,
1.7539

236.4773,

 0.1246, 0.0000,

228.1343, 281.9685

0.3973

284.5434,
275.9518, 338.4746

■ 0.0000, 0.0000,
0.0000

■ 40.3529, 36.2435,
49.6686

■ 40.3529, 36.2435,
49.6686

■ 37.3035, 30.5636,
47.3594

■ 43.8917, 42.8934,
52.1653

■ 34.7174, 25.8033,
45.2277

■ 47.9380, 50.5513,
54.8545

■ 32.5710, 21.9148,
43.2658

■ 52.5129, 59.2586,
57.7436

■ 30.8374, 18.8443,
41.4647

■ 57.6354, 69.0533,
60.8393

■ 29.4864, 16.5317,
39.8143

■ 63.3235, 79.9715,
64.1474

■ 28.4841, 14.9089,
38.3029

■ 66.7208, 86.3001,
66.7162

■ 27.7902, 13.8955,
36.9173

■ 67.0169, 86.4185,
68.2754

■ 27.3275, 13.3373,
35.6313

■ 67.3180, 86.5390,
69.8608

■ 27.3137, 13.3213,
35.5908

■ 67.6240, 86.6614,
71.4722

Harmonies

Analogous

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



37.7477, 36.2435, 57.9593



40.3529, 36.2435, 49.6686



41.3582, 36.2435, 39.6199

Triad

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



40.3529, 36.2435, 49.6686



34.5031, 36.2435, 23.6347



29.1010, 36.2435, 49.3530

Complementary

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



40.3529, 36.2435, 49.6686



36.7479, 44.9471, 38.1934

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.



28.3545, 36.2435, 39.3066



40.3529, 36.2435, 49.6686



31.3471, 36.2435, 25.3911

Square

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



40.3529, 36.2435, 49.6686



37.8485, 36.2435, 25.5080



29.1499, 36.2435, 30.7609



31.2582, 36.2435, 57.7572

Rectangle

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



40.3529, 36.2435, 49.6686



40.9384, 36.2435, 33.5702



29.1499, 36.2435, 30.7609



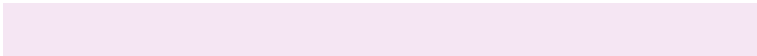
28.6832, 36.2435, 46.0079

Sweetspot

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



40.3540, 36.2451, 49.6694



82.0642, 82.4924, 96.2449



33.8427, 32.8272, 52.1302



17.5472, 17.5500, 20.6297



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.3540, 36.2451, 49.6694



70.4210, 60.6208, 88.0026



38.5591, 35.5271, 40.2175



9.8730, 9.6735, 11.7201



18.6164, 9.0777, 24.3373



0.7448, 0.3618, 1.0353

Inverse Universe

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



40.3540, 36.2451, 49.6694



70.4210, 60.6208, 88.0026



38.4293, 45.6197, 47.0475



9.8730, 9.6735, 11.7201



18.6164, 9.0777, 24.3373



0.7448, 0.3618, 1.0353

Previews

White Background



This preview shows how the XYZ color 40.3529, 36.2435, 49.6686 looks on a white background.

Color Contrast Check

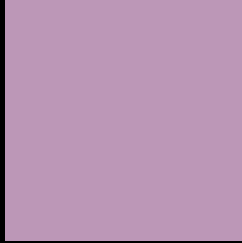
Large Text (above 18pt) WCAG AA × Fail

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 40.3529, 36.2435, 49.6686 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 40.3529, 36.2435, 49.6686

Background



This preview shows how black text looks on a background with the XYZ color 40.3529, 36.2435, 49.6686.



This preview shows how white text looks on a background with the XYZ color 40.3529, 36.2435,

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

40.3529, 36.2435, 49.6686

Protanopia

35.9438, 36.3755, 53.8419

Deuteranopia

37.0325, 36.2661, 49.3042



Tritanopia

38.6882, 36.3035, 41.0446

Trichromacy



Original Color

40.3529, 36.2435, 49.6686

Protanomaly

37.1751, 36.0266, 52.0082

Deuteranomaly

38.0693, 36.0502, 49.2079

Tritanomaly

39.3311, 36.3258, 43.9683

Monochromacy



Original Color

40.3529, 36.2435, 49.6686

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.6468, 37.4670, 44.2774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3529, 36.2435, 49.6686 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(188, 151, 183)` looks like.

```
.text, #text, p{  
    color:rgb(188, 151, 183)  
}
```

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(188, 151, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 151, 183) }
```

Border

The CSS property to change the border of an element to XYZ 40.3529, 36.2435, 49.6686 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(188, 151, 183) }
```


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

```
.border{ border-color:rgb(188, 151, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 151, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 151, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 151, 183);  
box-shadow:4px 4px 4px 4px rgb(188, 151,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3529, 36.2435, 49.6686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 151, 183) }
```

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

```
.background{ background-color: rgb(188,  
151, 183) }
```

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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