

Converting Colors

XYZ(40.4629, 36.8642, 46.0572)

Have a look what the booklet for
XYZ(40.4629, 36.8642, 46.0572)
contains.

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Color

**XYZ(40.4629, 36.8642,
46.0572)**

Conversions

Conversions Part 1

Format	Color
Hex	BE99B0
RGB	190, 153, 176
RGB Percent	75%, 60%, 69%
CMY	0.2549, 0.4000, 0.3098
CMYK	0.00, 0.19, 0.07, 0.25
HSL	323°, 22%, 67%
HSV	323°, 19%, 75%
XYZ	40.4629, 36.8642, 46.0572
YIQ	166.6850, 14.6690, 14.9970

Conversions

Conversions Part 2

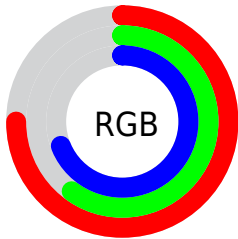
Format	Color
RYB	190, 153, 176
Decimal	12491184
CIELab	67.18, 17.62, -6.73
CIElCh	67, 18.862, 339.103
Yxy	36.8642, 0.3279, 0.2988
Android (android.graphics.Color)	4290681264 (0xFFBE99B0)
YUV	166.6850, 4.5923, 20.4473
Hunter-Lab	60.7159, 12.7050, -2.4744

Details

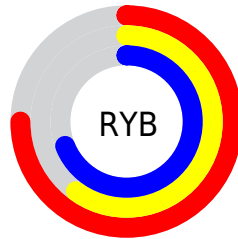
The XYZ color **40.4629, 36.8642, 46.0572** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5268, 46.3902, 43.4849**, and the grayscale version is **36.5517, 38.4552, 41.8777**.

A 20% lighter version of the original color is **75.2361, 70.2260, 85.9335**, and **18.5428, 16.1922, 21.2169** is the 20% darker color. If you saturate the color by 10%, you get **36.9049, 30.8562, 41.4540**, and if you desaturate by 10%, it is **44.5560, 43.8809, 51.0255**.

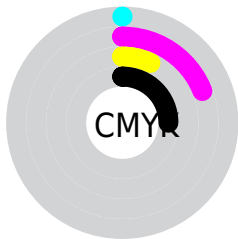
Distribution



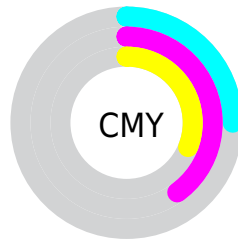
- Red (75%)
- Green (60%)
- Blue (69%)



- Red (75%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (25%)





- Cyan (25%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4629, 36.8642, 46.0572 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 40.4629, 36.8642, 46.0572 by changing the saturation by 10% instead.


 40.4629, 36.8642,
46.0572


 40.4629, 36.8642,
46.0572

339.1718,
332.7222, 387.3228

 28.0855, 25.1024,
31.9420


 75.1478, 70.3639,
85.6398

 18.5309, 16.1533,
21.0527


 98.1859, 92.8705,
111.9442

 11.4338, 9.6327,
12.9709


125.5083,
119.7275, 143.1488

 6.4288, 5.1561,
7.2780

157.4803,
151.3193, 179.6721

 3.1507, 2.3392,
3.5555

194.4673,
188.0303, 221.9326

 1.2339, 0.7943,
1.3848

236.8347,

 0.1329, 0.0000,

230.2448, 270.3488

0.1298

284.9477,
278.3473, 325.3394

■ 0.0000, 0.0000,
0.0000

■ 40.4629, 36.8642,
46.0572

■ 40.4629, 36.8642,
46.0572

■ 36.9049, 30.8562,
41.4540

■ 44.5560, 43.8809,
51.0255

■ 33.8546, 25.8049,
37.2027

■ 49.2032, 51.9453,
56.3668

■ 31.2874, 21.6613,
33.2927

■ 54.4268, 61.1002,
62.0917

■ 29.1750, 18.3698,
29.7113

■ 60.2466, 71.3848,
68.2094

■ 27.4861, 15.8688,
26.4453

■ 66.6817, 82.8361,
74.7289

■ 26.1852, 14.0882,
23.4796

■ 69.8001, 87.5891,
80.3421

■ 25.2304, 12.9456,
20.7969

■ 70.7682, 87.9764,
85.4403

■ 24.5451, 12.2886,
18.3685

■ 71.7778, 88.3802,
90.7566

■ 24.5115, 12.2577,
18.2456

■ 72.8293, 88.8008,
96.2936

Harmonies

Analogous

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



38.6434, 36.8642, 53.7265



40.4629, 36.8642, 46.0572



40.7875, 36.8642, 37.6848

Triad

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



40.4629, 36.8642, 46.0572



34.1706, 36.8642, 26.4433



30.9196, 36.8642, 50.9800

Complementary

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



40.4629, 36.8642, 46.0572



38.5268, 46.3902, 43.4849

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.



29.8565, 36.8642, 42.6972



40.4629, 36.8642, 46.0572



31.6647, 36.8642, 29.0601

Square

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



40.4629, 36.8642, 46.0572



37.0481, 36.8642, 27.0861



30.1216, 36.8642, 34.7505



33.1026, 36.8642, 56.8279

Rectangle

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



40.4629, 36.8642, 46.0572



40.0958, 36.8642, 32.9177



30.1216, 36.8642, 34.7505



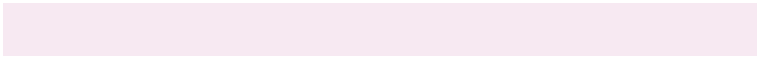
30.4250, 36.8642, 48.3457

Sweetspot

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



40.4640, 36.8658, 46.0580



83.4685, 84.2329, 95.6544



36.5319, 34.6704, 53.4823



18.2096, 18.2902, 20.8663



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.



40.4640, 36.8658, 46.0580



70.6975, 62.3454, 80.1312



38.7936, 36.1977, 37.2617



9.7727, 9.6334, 11.1921



16.3378, 8.1663, 12.3382



0.6708, 0.3322, 0.6458

Inverse Universe

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



40.4640, 36.8658, 46.0580



70.6975, 62.3454, 80.1312



40.3155, 47.1057, 52.9041



9.7727, 9.6334, 11.1921



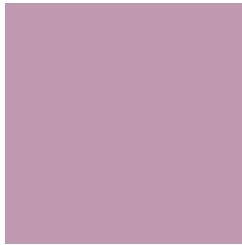
16.3378, 8.1663, 12.3382



0.6708, 0.3322, 0.6458

Previews

White Background



This preview shows how the XYZ color 40.4629, 36.8642, 46.0572 looks on a white background.

Color Contrast Check

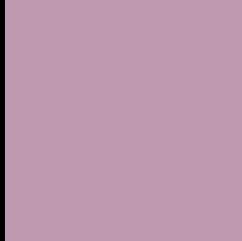
Large Text (above 18pt) WCAG AA × Fail

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 40.4629, 36.8642, 46.0572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

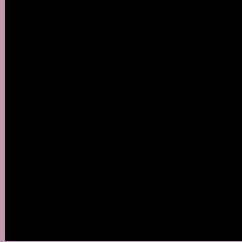
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4629, 36.8642, 46.0572

Background



This preview shows how black text looks on a background with the XYZ color 40.4629, 36.8642, 46.0572.



This preview shows how white text looks on a background with the XYZ color 40.4629, 36.8642,

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

40.4629, 36.8642, 46.0572

Protanopia

36.2386, 37.1489, 49.5164

Deuteranopia

37.8152, 37.0054, 45.7071



Tritanopia

39.6827, 37.0515, 41.6194

Trichromacy



Original Color

40.4629, 36.8642, 46.0572

Protanomaly

37.6496, 36.8622, 48.3108

Deuteranomaly

38.6172, 36.9124, 45.6469

Tritanomaly

39.7976, 36.8323, 43.0420

Monochromacy



Original Color

40.4629, 36.8642, 46.0572

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.8552, 37.8569, 43.3421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4629, 36.8642, 46.0572 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(190, 153, 176)` looks like.

```
.text, #text, p{  
    color:rgb(190, 153, 176)  
}
```

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(190, 153, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 153, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.4629, 36.8642, 46.0572 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(190, 153, 176) }
```


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

```
.border{ border-color:rgb(190, 153, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 153, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 153, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 153, 176);  
box-shadow:4px 4px 4px 4px rgb(190, 153,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4629, 36.8642, 46.0572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 153, 176) }
```

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

```
.background{ background-color: rgb(190,  
153, 176) }
```

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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