

Converting Colors

XYZ(42.1996, 36.6320, 49.5144)

Have a look what the booklet for
XYZ(42.1996, 36.6320, 49.5144)
contains.

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Color

**XYZ(42.3206, 36.7841,
49.6692)**

Conversions

Conversions Part 1

Format	Color
Hex	C595B7
RGB	197, 149, 183
RGB Percent	77%, 58%, 72%
CMY	0.2274, 0.4157, 0.2823
CMYK	0.00, 0.24, 0.07, 0.23
HSL	318°, 29%, 68%
HSV	318°, 24%, 77%
XYZ	42.3206, 36.7841, 49.6692
YIQ	167.2280, 17.6940, 20.7500

Conversions

Conversions Part 2

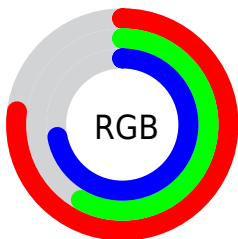
Format	Color
RYB	197, 149, 183
Decimal	12948919
CIELab	67.11, 23.55, -10.66
CIELCh	67, 25.851, 335.651
Yxy	36.7841, 0.3286, 0.2856
Android (android.graphics.Color)	4291138999 (0xFFC595B7)
YUV	167.2280, 7.7756, 26.1100
Hunter-Lab	60.6499, 18.4173, -6.1006

Details

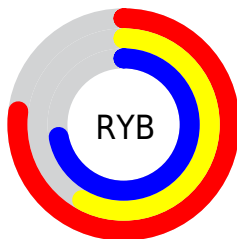
The XYZ color **42.3206, 36.7841, 49.6692** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.9730, 48.9674, 42.0501**, and the grayscale version is **36.7998, 38.7163, 42.1621**.

A 20% lighter version of the original color is **77.8090, 70.0147, 91.0746**, and **19.7246, 16.1867, 23.2038** is the 20% darker color. If you saturate the color by 10%, you get **38.8778, 30.8358, 45.6309**, and if you desaturate by 10%, it is **46.3172, 43.7998, 54.0134**.

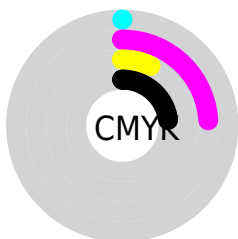
Distribution



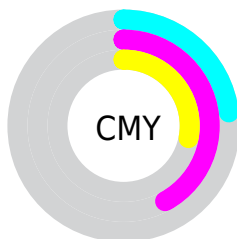
- Red (77%)
- Green (58%)
- Blue (72%)



- Red (77%)
- Yellow (58%)
- Blue (72%)



- Cyan (0%)
- Magenta (24%)
- Yellow (7%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3206, 36.7841, 49.6692 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 42.3206, 36.7841, 49.6692 by changing the saturation by 10% instead.


 42.3206, 36.7841,
49.6692

 42.3206, 36.7841,
49.6692


346.7793,
332.3748, 402.0688

 29.5446, 25.0404,
34.7813


 77.9467, 70.2406,
91.0758

 19.6395, 16.1071,
23.2122

 101.5276, 92.7222,
118.4316

 12.2400, 9.6000,
14.5435


129.4408,
119.5518, 150.7804

 6.9807, 5.1346,
8.3566

162.0517,
151.1139, 188.5408

 3.4963, 2.3264,
4.2329

199.7256,
187.7929, 232.1313

 1.4213, 0.7876,
1.7540

242.8280,

 0.2713, 0.0000,

229.9731, 281.9704

0.3973

291.7241,
278.0389, 338.4768

■ 0.0000, 0.0000,
0.0000

■ 42.3206, 36.7841,
49.6692

■ 42.3206, 36.7841,
49.6692

■ 38.8778, 30.8358,
45.6309

■ 46.3172, 43.7998,
54.0134

■ 35.9588, 25.8968,
41.8859

■ 50.8891, 51.9273,
58.6708

■ 33.5354, 21.9111,
38.4238

■ 56.0610, 61.2147,
63.6515

■ 31.5757, 18.8150,
35.2323

■ 61.8548, 71.7056,
68.9641

■ 30.0437, 16.5371,
32.2981

■ 68.2915, 83.4413,
74.6169

■ 28.8979, 14.9949,
29.6058

■ 71.3729, 88.4251,
79.2786

■ 28.0881, 14.0886,
27.1370

■ 72.1358, 88.7303,
83.2959

■ 27.7258, 13.7503,
25.8254

■ 72.9250, 89.0460,
87.4518

■ 73.7408, 89.3723,
91.7475

Harmonies

Analogous

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



39.5615, 36.7841, 60.3724



42.3206, 36.7841, 49.6692



43.0475, 36.7841, 37.9549

Triad

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



42.3206, 36.7841, 49.6692



34.2222, 36.7841, 22.1222



29.1658, 36.7841, 54.0600

Complementary

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



42.3206, 36.7841, 49.6692



38.9730, 48.9674, 42.0501

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.



27.9585, 36.7841, 42.2242



42.3206, 36.7841, 49.6692



30.7339, 36.7841, 24.8944

Square

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



42.3206, 36.7841, 49.6692



38.1763, 36.7841, 23.3720



28.5103, 36.7841, 31.7633



31.9337, 36.7841, 63.2222

Rectangle

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



42.3206, 36.7841, 49.6692



42.2381, 36.7841, 31.3822



28.5103, 36.7841, 31.7633



28.5739, 36.7841, 50.1865

Sweetspot

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



42.3217, 36.7857, 49.6700



88.7906, 88.8044, 102.7339



35.8495, 33.2724, 57.3565



18.8947, 18.8117, 21.8784



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.



42.3217, 36.7857, 49.6700



72.5435, 60.2359, 85.2162



40.0675, 35.8841, 37.7995



10.9461, 10.7618, 12.6997



18.2742, 9.0592, 17.1856



0.8957, 0.4411, 0.9739

Inverse Universe

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



42.3217, 36.7857, 49.6700



72.5435, 60.2359, 85.2162



41.2888, 49.8937, 54.2447



10.9461, 10.7618, 12.6997



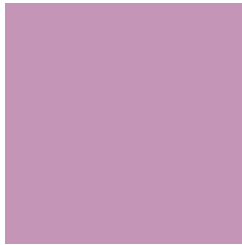
18.2742, 9.0592, 17.1856



0.8957, 0.4411, 0.9739

Previews

White Background



This preview shows how the XYZ color 42.3206, 36.7841, 49.6692 looks on a white background.

Color Contrast Check

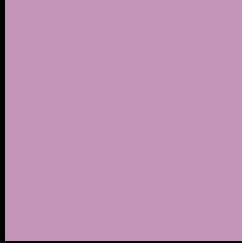
Large Text (above 18pt) WCAG AA × Fail

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 42.3206, 36.7841, 49.6692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

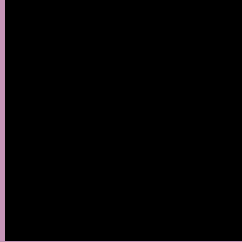
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3206, 36.7841, 49.6692

Background



This preview shows how black text looks on a background with the XYZ color 42.3206, 36.7841, 49.6692.



This preview shows how white text looks on a background with the XYZ color 42.3206, 36.7841,

49.6692.

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

42.3206, 36.7841, 49.6692

Protanopia

36.5353, 36.9155, 55.0690

Deuteranopia

37.5332, 36.7904, 48.8391



Tritanopia

40.4348, 36.7389, 40.0821

Trichromacy



Original Color

42.3206, 36.7841, 49.6692

Protanomaly

38.2555, 36.5587, 53.1844

Deuteranomaly

38.9872, 36.5234, 49.2508

Tritanomaly

41.1822, 36.8093, 43.4624

Monochromacy



Original Color

42.3206, 36.7841, 49.6692

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.4737, 37.6237, 44.7695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3206, 36.7841, 49.6692 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(197, 149, 183)` looks like.

```
.text, #text, p{  
    color:rgb(197, 149, 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(197, 149, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 149, 183) }
```

Border

The CSS property to change the border of an element to XYZ 42.3206, 36.7841, 49.6692 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(197, 149, 183) }
```


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

```
.border{ border-color:rgb(197, 149, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 149, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 149, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 149, 183);  
box-shadow:4px 4px 4px 4px rgb(197, 149,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3206, 36.7841, 49.6692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 149, 183) }
```

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

```
.background{ background-color: rgb(197,  
149, 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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