

Converting Colors

XYZ(42.9260, 36.1848, 48.9779)

Have a look what the booklet for
XYZ(42.9260, 36.1848, 48.9779)
contains.

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Color

**XYZ(42.9260, 36.1848,
48.9779)**

Conversions

Conversions Part 1

Format	Color
Hex	CA91B6
RGB	202, 145, 182
RGB Percent	79%, 57%, 71%
CMY	0.2078, 0.4314, 0.2863
CMYK	0.00, 0.28, 0.10, 0.21
HSL	321°, 35%, 68%
HSV	321°, 28%, 79%
XYZ	42.9260, 36.1848, 48.9779
YIQ	166.2610, 22.0950, 23.5910

Conversions

Conversions Part 2

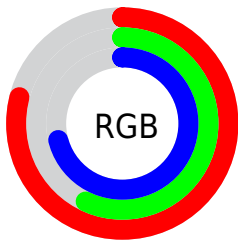
Format	Color
R _Y B	202, 145, 182
Decimal	13275574
CIE Lab	66.66, 27.32, -10.72
CIE LCh	67, 29.349, 338.570
Yxy	36.1848, 0.3351, 0.2825
Android (android.graphics.Color)	4291465654 (0xFFCA91B6)
YUV	166.2610, 7.7593, 31.3431
Hunter-Lab	60.1538, 22.1092, -6.1669

Details

The XYZ color **42.9260, 36.1848, 48.9779** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.5906, 50.9784, 43.3528**, and the grayscale version is **36.3288, 38.2208, 41.6224**.

A 20% lighter version of the original color is **77.0960, 68.2799, 90.0049**, and **19.9978, 15.7934, 22.7633** is the 20% darker color. If you saturate the color by 10%, you get **39.3956, 30.2663, 44.2781**, and if you desaturate by 10%, it is **47.0445, 43.2190, 54.0574**.

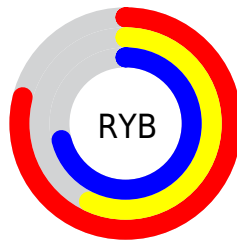
Distribution



Red (79%)

Green (57%)

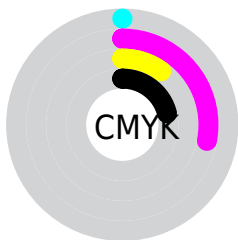
Blue (71%)



Red (79%)

Yellow (57%)

Blue (71%)

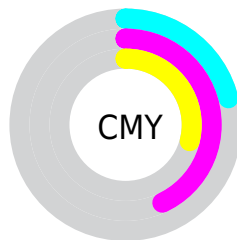


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (21%)



Cyan (21%)


Magenta (43%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9260, 36.1848, 48.9779 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 42.9260, 36.1848, 48.9779 by changing the saturation by 10% instead.


 42.9260, 36.1848,
48.9779


 42.9260, 36.1848,
48.9779

349.2340,
329.7675, 399.2753

 30.0213, 24.5770,
34.2365


 78.8556, 69.3172,
90.0393

 20.0029, 15.7622,
22.7965


 102.6112, 91.6106,
117.1963

 12.5054, 9.3560,
14.2394


130.7145,
118.2345, 149.3289

 7.1635, 4.9741,
8.1467

163.5309,
149.5735, 186.8557

 3.6118, 2.2321,
4.0999

201.4257,
186.0119, 230.1952

 1.4850, 0.7374,
1.6803

244.7642,

 0.3156, 0.0000,

227.9341, 279.7660

0.3472

293.9119,
275.7245, 335.9865

■ 0.0000, 0.0000,
0.0000

■ 42.9260, 36.1848,
48.9779

■ 42.9260, 36.1848,
48.9779

■ 39.3956, 30.2663,
44.2781

■ 47.0445, 43.2190,
54.0574

■ 36.4203, 25.4001,
39.9433

■ 51.7752, 51.4180,
59.5263

■ 33.9689, 21.5242,
35.9607

■ 57.1449, 60.8339,
65.3962

■ 32.0057, 18.5680,
32.3155

■ 63.1777, 71.5143,
71.6779

■ 30.4902, 16.4512,
28.9914

■ 69.8967, 83.5043,
78.3814

■ 29.3747, 15.0798,
25.9697

■ 73.6439, 89.4873,
84.2899

■ 28.5876, 14.3114,
23.2233

■ 74.6286, 89.8812,
89.4754

■ 28.4621, 14.1986,
22.7554

■ 75.6540, 90.2913,
94.8748

■ 76.7204, 90.7179,
100.4904

Harmonies

Analogous

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



39.9682, 36.1848, 61.6577



42.9260, 36.1848, 48.9779



43.4996, 36.1848, 35.8821

Triad

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



42.9260, 36.1848, 48.9779



33.1415, 36.1848, 19.8991



28.1665, 36.1848, 56.6063

Complementary

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



42.9260, 36.1848, 48.9779



39.5906, 50.9784, 43.3528

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.



26.6545, 36.1848, 43.1387



42.9260, 36.1848, 48.9779



29.3612, 36.1848, 23.2684

Square

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



42.9260, 36.1848, 48.9779



37.5921, 36.1848, 20.8074



27.0724, 36.1848, 31.1585



31.3799, 36.1848, 66.6773

Rectangle

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



42.9260, 36.1848, 48.9779



42.4095, 36.1848, 28.8675



27.0724, 36.1848, 31.1585



27.4555, 36.1848, 52.2234

Sweetspot

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



42.9271, 36.1864, 48.9787



87.7526, 87.2154, 100.8874



36.2943, 32.5110, 60.2399



18.5061, 18.1858, 21.2823



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.



42.9271, 36.1864, 48.9787



68.8310, 54.7893, 77.8796



40.2792, 35.1273, 35.0349



11.5139, 11.3343, 13.2406



18.3584, 9.1540, 14.8721



0.9822, 0.4863, 0.9521

Inverse Universe

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



42.9271, 36.1864, 48.9787



68.8310, 54.7893, 77.8796



42.4747, 52.1320, 58.5403



11.5139, 11.3343, 13.2406



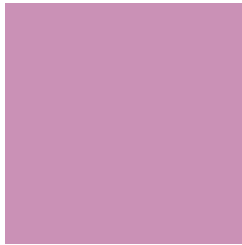
18.3584, 9.1540, 14.8721



0.9822, 0.4863, 0.9521

Previews

White Background



This preview shows how the XYZ color 42.9260, 36.1848, 48.9779 looks on a white background.

Color Contrast Check

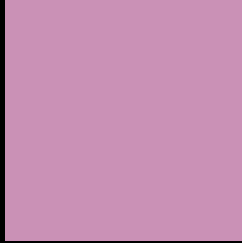
Large Text (above 18pt) WCAG AA × Fail

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 42.9260, 36.1848, 48.9779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

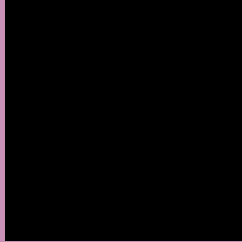
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9260, 36.1848, 48.9779

Background



This preview shows how black text looks on a background with the XYZ color 42.9260, 36.1848, 48.9779.



This preview shows how white text looks on a background with the XYZ color 42.9260, 36.1848,

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

42.9260, 36.1848, 48.9779

Protanopia

35.9696, 36.3634, 54.9922

Deuteranopia

37.0426, 36.2951, 48.2333



Tritanopia

40.6458, 36.1751, 38.0979

Trichromacy



Original Color

42.9260, 36.1848, 48.9779

Protanomaly

38.0320, 35.9578, 52.5130

Deuteranomaly

39.0231, 36.0637, 48.6203

Tritanomaly

41.4772, 36.2863, 41.8637

Monochromacy



Original Color

42.9260, 36.1848, 48.9779

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.2637, 37.0160, 44.1578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9260, 36.1848, 48.9779 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(202, 145, 182)` looks like.

```
.text, #text, p{  
    color:rgb(202, 145, 182)  
}
```

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(202, 145, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 145, 182) }
```

Border

The CSS property to change the border of an element to XYZ 42.9260, 36.1848, 48.9779 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(202, 145, 182) }
```


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

```
.border{ border-color:rgb(202, 145, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 145, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 145, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 145, 182);  
box-shadow:4px 4px 4px 4px rgb(202, 145,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9260, 36.1848, 48.9779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 145, 182) }
```

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

```
.background{ background-color: rgb(202,  
145, 182) }
```

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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