

Converting Colors

XYZ(42.1813, 34.9207, 48.7569)

Have a look what the booklet for
XYZ(42.1813, 34.9207, 48.7569)
contains.

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Color

**XYZ(42.0558, 34.8447,
48.7651)**

Conversions

Conversions Part 1

Format	Color
Hex	C98DB6
RGB	201, 141, 182
RGB Percent	79%, 55%, 71%
CMY	0.2118, 0.4470, 0.2863
CMYK	0.00, 0.30, 0.09, 0.21
HSL	319°, 36%, 67%
HSV	319°, 30%, 79%
XYZ	42.0558, 34.8447, 48.7651
YIQ	163.6140, 22.5990, 25.4710

Conversions

Conversions Part 2

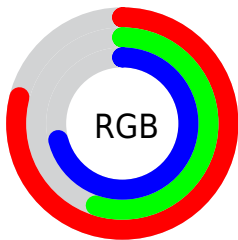
Format	Color
R _Y B	201, 141, 182
Decimal	13209014
CIE Lab	65.63, 29.16, -12.28
CIE LCh	66, 31.644, 337.162
Yxy	34.8447, 0.3347, 0.2773
Android (android.graphics.Color)	4291399094 (0xFFC98DB6)
YUV	163.6140, 9.0643, 32.7875
Hunter-Lab	59.0294, 23.8718, -7.6598

Details

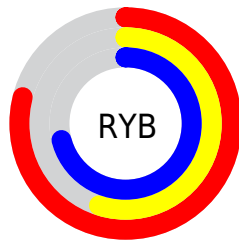
The XYZ color **42.0558, 34.8447, 48.7651** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.2178, 49.9751, 40.8918**, and the grayscale version is **35.0550, 36.8806, 40.1630**.

A 20% lighter version of the original color is **76.1877, 66.4633, 89.7021**, and **19.4727, 15.0083, 22.6394** is the 20% darker color. If you saturate the color by 10%, you get **38.7139, 29.1894, 44.4791**, and if you desaturate by 10%, it is **45.9675, 41.5908, 53.3894**.

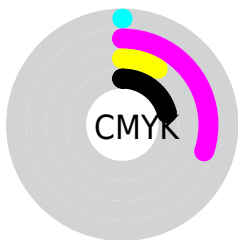
Distribution



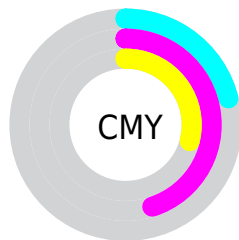
- Red (79%)
- Green (55%)
- Blue (71%)



- Red (79%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (21%)





- Cyan (21%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0558, 34.8447, 48.7651 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 42.0558, 34.8447, 48.7651 by changing the saturation by 10% instead.


 42.0558, 34.8447,
48.7651

 42.0558, 34.8447,
48.7651


345.7019,
323.8823, 398.4127

 29.3363, 23.5433,
34.0689


 77.5487, 67.2451,
89.7198

 19.4809, 14.9952,
22.6687


 101.0528, 89.1129,
116.8155

 12.1244, 8.8160,
14.1461


 128.8825,
115.2716, 148.8813

 6.9012, 4.6214,
8.0824


161.4031,
146.1055, 186.3359

 3.4462, 2.0269,
4.0592

198.9800,
181.9992, 229.5978

 1.3939, 0.6230,
1.6579

241.9785,

 0.2519, 0.0000,

223.3370, 279.0855

0.3316

290.7640,
270.5032, 335.2177

■ 0.0000, 0.0000,
0.0000

■ 42.0558, 34.8447,
48.7651

■ 42.0558, 34.8447,
48.7651

■ 38.7139, 29.1894,
44.4791

■ 45.9675, 41.5908,
53.3894

■ 35.9092, 24.5618,
40.5174

■ 50.4733, 49.4769,
58.3607

■ 33.6105, 20.8996,
36.8680

■ 55.5996, 58.5550,
63.6902

■ 31.7819, 18.1317,
33.5170

■ 61.3704, 68.8725,
69.3877

■ 30.3826, 16.1771,
30.4486

■ 67.8084, 80.4741,
75.4626

■ 29.3644, 14.9401,
27.6448

■ 72.7916, 89.1152,
81.2092

■ 28.6381, 14.2431,
25.0735

■ 73.6520, 89.4594,
85.7400

■ 28.6279, 14.2337,
25.0359

■ 74.5449, 89.8165,
90.4418

■ 75.4705, 90.1868,
95.3163

Harmonies

Analogous

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



38.8154, 34.8447, 62.2080



42.0558, 34.8447, 48.7651



42.7999, 34.8447, 34.8380

Triad

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



42.0558, 34.8447, 48.7651



32.0172, 34.8447, 17.7911



26.4957, 34.8447, 55.5941

Complementary

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



42.0558, 34.8447, 48.7651



38.2178, 49.9751, 40.8918

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.



25.0202, 34.8447, 41.2208



42.0558, 34.8447, 48.7651



28.0088, 34.8447, 20.9811

Square

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



42.0558, 34.8447, 48.7651



36.7097, 34.8447, 18.9040



25.5471, 34.8447, 28.8485



29.7702, 34.8447, 66.7508

Rectangle

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



42.0558, 34.8447, 48.7651



41.7226, 34.8447, 27.4152



25.5471, 34.8447, 28.8485



25.7875, 34.8447, 50.8631

Sweetspot

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



42.0568, 34.8463, 48.7658



87.0124, 85.7621, 100.5568



34.5663, 30.7422, 59.3709



18.3641, 17.8986, 21.2450



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.



42.0568, 34.8463, 48.7658



68.0903, 53.0125, 78.5434



39.2811, 33.7360, 34.1489



10.9346, 10.7572, 12.6391



18.0430, 8.9668, 15.9682



0.8861, 0.4373, 0.9235

Inverse Universe

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



42.0568, 34.8463, 48.7658



68.0903, 53.0125, 78.5434



41.1667, 51.1547, 56.4203



10.9346, 10.7572, 12.6391



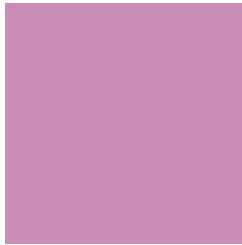
18.0430, 8.9668, 15.9682



0.8861, 0.4373, 0.9235

Previews

White Background



This preview shows how the XYZ color 42.0558, 34.8447, 48.7651 looks on a white background.

Color Contrast Check

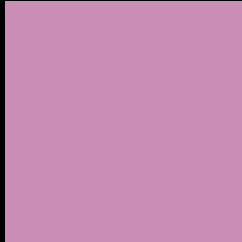
Large Text (above 18pt) WCAG AA × Fail

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 42.0558, 34.8447, 48.7651 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 42.0558, 34.8447, 48.7651

Background



This preview shows how black text looks on a background with the XYZ color 42.0558, 34.8447, 48.7651.



This preview shows how white text looks on a background with the XYZ color 42.0558, 34.8447,

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

42.0558, 34.8447, 48.7651

Protanopia

34.8014, 34.9794, 55.3695

Deuteranopia

35.7510, 35.1386, 47.5460



Tritanopia

39.6534, 34.9979, 36.5636

Trichromacy



Original Color

42.0558, 34.8447, 48.7651

Protanomaly

36.9911, 34.6766, 52.8877

Deuteranomaly

37.8952, 35.0122, 47.9408

Tritanomaly

40.4094, 34.8418, 40.6717

Monochromacy



Original Color

42.0558, 34.8447, 48.7651

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.3706, 36.0643, 43.5195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0558, 34.8447, 48.7651 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(201, 141, 182)` looks like.

```
.text, #text, p{  
    color:rgb(201, 141, 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(201, 141, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 141, 182) }
```

Border

The CSS property to change the border of an element to XYZ 42.0558, 34.8447, 48.7651 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(201, 141, 182) }
```


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

```
.border{ border-color:rgb(201, 141, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 141, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 141, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 141, 182); box-shadow:4px 4px 4px 4px rgb(201, 141, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0558, 34.8447, 48.7651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 141, 182) }
```

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

```
.background{ background-color: rgb(201,  
141, 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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