

Converting Colors

XYZ(41.2204, 36.9064, 50.8500)

Have a look what the booklet for
XYZ(41.2204, 36.9064, 50.8500)
contains.

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Color

**XYZ(41.2204, 36.9064,
50.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	BE98B9
RGB	190, 152, 185
RGB Percent	75%, 60%, 73%
CMY	0.2549, 0.4039, 0.2745
CMYK	0.00, 0.20, 0.03, 0.25
HSL	308°, 23%, 67%
HSV	308°, 20%, 75%
XYZ	41.2204, 36.9064, 50.8500
YIQ	167.1240, 12.0550, 18.3190

Conversions

Conversions Part 2

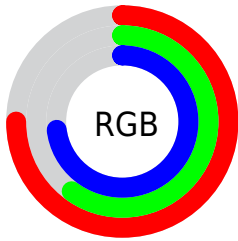
Format	Color
R_{YB}	190, 152, 185
Decimal	12490937
CIE _{Lab}	67.21, 19.82, -11.71
CIE _{LCh}	67, 23.018, 329.421
Yxy	36.9064, 0.3196, 0.2861
Android (android.graphics.Color)	4290681017 (0xFFBE98B9)
YUV	167.1240, 8.8129, 20.0623
Hunter-Lab	60.7506, 14.8018, -7.1020

Details

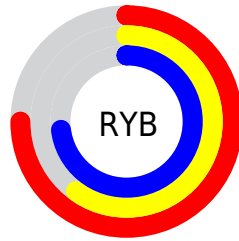
The XYZ color **41.2204, 36.9064, 50.8500** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.4496, 45.9377, 38.7934**, and the grayscale version is **36.7462, 38.6599, 42.1006**.

A 20% lighter version of the original color is **76.3063, 70.2676, 92.7603**, and **18.9719, 16.2075, 23.9582** is the 20% darker color. If you saturate the color by 10%, you get **38.1189, 31.1217, 48.5256**, and if you desaturate by 10%, it is **44.8227, 43.6842, 53.3650**.

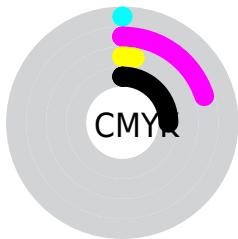
Distribution



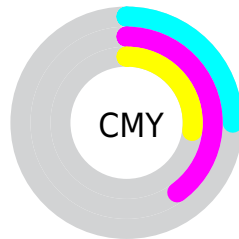
- Red (75%)
- Green (60%)
- Blue (73%)



- Red (75%)
- Yellow (60%)
- Blue (73%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (25%)





- Cyan (25%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2204, 36.9064, 50.8500 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 41.2204, 36.9064, 50.8500 by changing the saturation by 10% instead.


 41.2204, 36.9064,
50.8500


 41.2204, 36.9064,
50.8500


342.2878,
332.9051, 406.8106

 28.6798, 25.1350,
35.7133

 76.2910, 70.4288,
92.8422

 18.9818, 16.1777,
23.9250


 99.5516, 92.9486,
120.5349

 11.7610, 9.6500,
15.0663


127.1163,
119.8201, 153.2500

 6.6522, 5.1675,
8.7188

159.3503,
151.4275, 191.4060

 3.2899, 2.3459,
4.4639

196.6192,
188.1553, 235.4216

 1.3089, 0.7978,
1.8831

239.2881,

 0.1899, 0.0000,

230.3879, 285.7152

0.4820

287.7226,
278.5097, 342.7053

■ 0.0000, 0.0000,
0.0000

■ 41.2204, 36.9064,
50.8500

■ 41.2204, 36.9064,
50.8500

■ 38.1189, 31.1217,
48.5256

■ 44.8227, 43.6842,
53.3650

■ 35.4915, 26.2782,
46.3817

■ 48.9444, 51.4940,
56.0758

■ 33.3138, 22.3267,
44.4103

■ 53.6073, 60.3786,
58.9902

■ 31.5580, 19.2118,
42.6021

■ 58.8308, 70.3770,
62.1146

■ 30.1932, 16.8717,
40.9467

■ 64.6336, 81.5262,
65.4555

■ 29.1843, 15.2360,
39.4322

■ 67.4212, 86.6376,
67.8148

■ 28.4897, 14.2217,
38.0447

■ 67.7159, 86.7555,
69.3667

■ 28.0269, 13.6639,
36.7565

■ 68.0154, 86.8753,
70.9439

■ 28.0268, 13.6638,
36.7563

■ 68.3198, 86.9970,
72.5465

Harmonies

Analogous

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



38.5019, 36.9064, 59.4975



41.2204, 36.9064, 50.8500



42.2748, 36.9064, 40.3804

Triad

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



41.2204, 36.9064, 50.8500



35.1467, 36.9064, 23.7801



29.5182, 36.9064, 50.4553

Complementary

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



41.2204, 36.9064, 50.8500



37.4496, 45.9377, 38.7934

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.



28.7489, 36.9064, 39.9898



41.2204, 36.9064, 50.8500



31.8641, 36.9064, 25.5814

Square

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



41.2204, 36.9064, 50.8500



38.6277, 36.9064, 25.7262



29.5790, 36.9064, 31.1260



31.7535, 36.9064, 59.2442

Rectangle

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



41.2204, 36.9064, 50.8500



41.8415, 36.9064, 34.0900



29.5790, 36.9064, 31.1260



29.0865, 36.9064, 46.9659

Sweetspot

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



41.2215, 36.9080, 50.8508



84.0235, 84.4549, 98.5772



34.3184, 33.2873, 53.3322



18.3444, 18.3441, 21.5761



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.



41.2215, 36.9080, 50.8508



72.1211, 62.0621, 90.2565



39.3998, 36.1793, 41.2578



9.8745, 9.6741, 11.7280



18.6567, 9.0938, 24.5497



0.7460, 0.3623, 1.0418

Inverse Universe

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



41.2215, 36.9080, 50.8508



72.1211, 62.0621, 90.2565



39.1442, 46.6156, 47.7168



9.8745, 9.6741, 11.7280



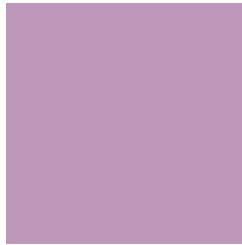
18.6567, 9.0938, 24.5497



0.7460, 0.3623, 1.0418

Previews

White Background



This preview shows how the XYZ color 41.2204, 36.9064, 50.8500 looks on a white background.

Color Contrast Check

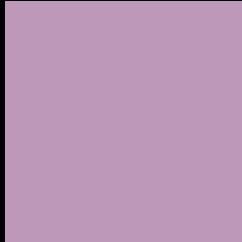
Large Text (above 18pt) WCAG AA × Fail

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 41.2204, 36.9064, 50.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

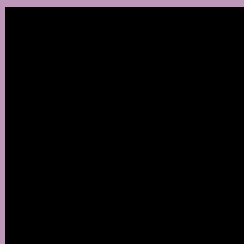
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2204, 36.9064, 50.8500

Background



This preview shows how black text looks on a background with the XYZ color 41.2204, 36.9064, 50.8500.



This preview shows how white text looks on a background with the XYZ color 41.2204, 36.9064,

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

41.2204, 36.9064, 50.8500

Protanopia

36.5353, 36.9155, 55.0690

Deuteranopia

37.8445, 36.9149, 50.4781



Tritanopia

39.4354, 36.9241, 41.6078

Trichromacy



Original Color

41.2204, 36.9064, 50.8500

Protanomaly

37.9897, 36.6739, 53.2206

Deuteranomaly

38.9003, 36.7026, 50.3814

Tritanomaly

40.1818, 36.9860, 45.0656

Monochromacy



Original Color

41.2204, 36.9064, 50.8500

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.2395, 38.0106, 45.3657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2204, 36.9064, 50.8500 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, 152, 185)` looks like.

```
.text, #text, p{  
    color:rgb(190, 152, 185)  
}
```

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, 152, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 152, 185) }
```

Border

The CSS property to change the border of an element to XYZ 41.2204, 36.9064, 50.8500 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, 152, 185) }
```


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

```
.border{ border-color:rgb(190, 152, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 152, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 152, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 152, 185);  
box-shadow:4px 4px 4px 4px rgb(190, 152,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2204, 36.9064, 50.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 152, 185) }
```

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

```
.background{ background-color: rgb(190,  
152, 185) }
```

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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