

Converting Colors

XYZ(40.9992, 36.8959, 49.9132)

Have a look what the booklet for
XYZ(40.9992, 36.8959, 49.9132)
contains.

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Color

**XYZ(41.0107, 36.8225,
49.7457)**

Conversions

Conversions Part 1

Format	Color
Hex	BE98B7
RGB	190, 152, 183
RGB Percent	75%, 60%, 72%
CMY	0.2549, 0.4039, 0.2823
CMYK	0.00, 0.20, 0.04, 0.25
HSL	311°, 23%, 67%
HSV	311°, 20%, 75%
XYZ	41.0107, 36.8225, 49.7457
YIQ	166.8960, 12.6970, 17.6970

Conversions

Conversions Part 2

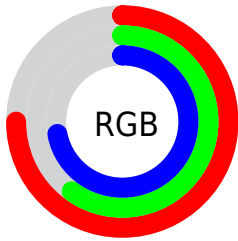
Format	Color
RYB	190, 152, 183
Decimal	12490935
CIELab	67.14, 19.45, -10.69
CIElCh	67, 22.189, 331.208
Yxy	36.8225, 0.3215, 0.2886
Android (android.graphics.Color)	4290681015 (0xFFBE98B7)
YUV	166.8960, 7.9393, 20.2622
Hunter-Lab	60.6815, 14.4438, -6.1279

Details

The XYZ color **41.0107, 36.8225, 49.7457** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.6218, 46.0066, 39.7003**, and the grayscale version is **36.6391, 38.5472, 41.9779**.

A 20% lighter version of the original color is **76.0091, 70.1488, 91.1953**, and **18.8363, 16.1533, 23.2442** is the 20% darker color. If you saturate the color by 10%, you get **37.8110, 30.9985, 46.9042**, and if you desaturate by 10%, it is **44.7156, 43.6413, 52.8012**.

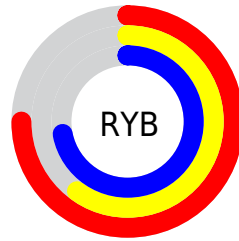
Distribution



Red (75%)

Green (60%)

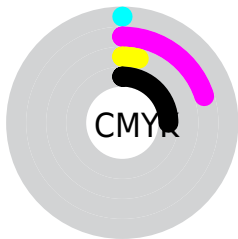
Blue (72%)



Red (75%)

Yellow (60%)

Blue (72%)

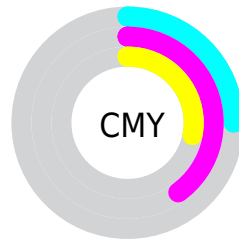


Cyan (0%)

Magenta (20%)

Yellow (4%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0107, 36.8225, 49.7457 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 41.0107, 36.8225, 49.7457 by changing the saturation by 10% instead.


 41.0107, 36.8225,
49.7457


 41.0107, 36.8225,
49.7457

341.4272,
332.5414, 402.3772

 28.5152, 25.0701,
34.8416


 75.9747, 70.2997,
91.1904

 18.8568, 16.1293,
23.2583


 99.1739, 92.7933,
118.5681

 11.6702, 9.6157,
14.5773


126.6717,
119.6361, 150.9407

 6.5901, 5.1449,
8.3799

158.8335,
151.2124, 188.7269

 3.2512, 2.3325,
4.2478

196.0246,
187.9067, 232.3451

 1.2879, 0.7908,
1.7622

238.6103,

 0.1742, 0.0000,

230.1034, 282.2138

0.4029

286.9560,
278.1868, 338.7517

■ 0.0000, 0.0000,
0.0000

■ 41.0107, 36.8225,
49.7457

■ 41.0107, 36.8225,
49.7457

■ 37.8110, 30.9985,
46.9042

■ 44.7156, 43.6413,
52.8012

■ 35.0898, 26.1174,
44.2661

■ 48.9444, 51.4940,
56.0759

■ 32.8226, 22.1302,
41.8234

■ 53.7189, 60.4232,
59.5779

■ 30.9816, 18.9813,
39.5666

■ 59.0586, 70.4681,
63.3140

■ 29.5359, 16.6087,
37.4849

■ 64.9820, 81.6656,
67.2905

■ 28.4502, 14.9423,
35.5663

■ 67.8950, 86.8271,
70.3099

■ 27.6830, 13.8990,
33.7966

■ 68.3197, 86.9970,
72.5464

■ 27.1517, 13.3139,
32.1480

■ 68.7540, 87.1707,
74.8329

■ 27.1516, 13.3138,
32.1477

■ 69.1977, 87.3482,
77.1697

Harmonies

Analogous

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



38.4764, 36.8225, 58.2187



41.0107, 36.8225, 49.7457



41.9088, 36.8225, 39.7022

Triad

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



41.0107, 36.8225, 49.7457



34.8618, 36.8225, 24.2114



29.7277, 36.8225, 50.5349

Complementary

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



41.0107, 36.8225, 49.7457



37.6218, 46.0066, 39.7003

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.



28.8932, 36.8225, 40.4873



41.0107, 36.8225, 49.7457



31.7371, 36.8225, 26.1846

Square

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



41.0107, 36.8225, 49.7457



38.2240, 36.8225, 25.8902



29.6050, 36.8225, 31.7782



31.9601, 36.8225, 58.7235

Rectangle

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



41.0107, 36.8225, 49.7457



41.4159, 36.8225, 33.7283



29.6050, 36.8225, 31.7782



29.2811, 36.8225, 47.2129

Sweetspot

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



41.0118, 36.8241, 49.7465



83.9043, 84.4072, 97.9490



34.8155, 33.5435, 53.3555



18.3154, 18.3325, 21.4234



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.



41.0118, 36.8241, 49.7465



71.6620, 61.8785, 87.8388



39.1686, 36.0868, 40.0404



9.8525, 9.6653, 11.6123



18.0809, 8.8635, 21.5173



0.7282, 0.3552, 0.9478

Inverse Universe

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



41.0118, 36.8241, 49.7465



71.6620, 61.8785, 87.8388



39.3962, 46.7164, 49.0439



9.8525, 9.6653, 11.6123



18.0809, 8.8635, 21.5173



0.7282, 0.3552, 0.9478

Previews

White Background



This preview shows how the XYZ color 41.0107, 36.8225, 49.7457 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 41.0107, 36.8225, 49.7457 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 41.0107, 36.8225, 49.7457

Background



This preview shows how black text looks on a background with the XYZ color 41.0107, 36.8225, 49.7457.



This preview shows how white text looks on a background with the XYZ color 41.0107, 36.8225,

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

41.0107, 36.8225, 49.7457

Protanopia

36.5127, 36.9293, 53.9188

Deuteranopia

37.6362, 36.8316, 49.3815



Tritanopia

39.4354, 36.9241, 41.6078

Trichromacy



Original Color

41.0107, 36.8225, 49.7457

Protanomaly

37.7741, 36.5876, 52.0849

Deuteranomaly

38.6921, 36.6193, 49.2849

Tritanomaly

40.0847, 36.9471, 44.5540

Monochromacy



Original Color

41.0107, 36.8225, 49.7457

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.1424, 37.9718, 44.8541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0107, 36.8225, 49.7457 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(190, 152, 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(190, 152, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 152, 183) }
```

Border

The CSS property to change the border of an element to XYZ 41.0107, 36.8225, 49.7457 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, 183) }
```


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

```
.border{ border-color:rgb(190, 152, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 152, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 152, 183);  
box-shadow:4px 4px 4px 4px rgb(190, 152,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0107, 36.8225, 49.7457 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, 183) }
```

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

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