

Converting Colors

XYZ(36.9403, 32.7755, 42.9074)

Have a look what the booklet for
XYZ(36.9403, 32.7755, 42.9074)
contains.

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Color

**XYZ(36.9403, 32.7755,
42.9074)**

Conversions

Conversions Part 1

Format	Color
Hex	B88FAB
RGB	184, 143, 171
RGB Percent	72%, 56%, 67%
CMY	0.2784, 0.4392, 0.3294
CMYK	0.00, 0.22, 0.07, 0.28
HSL	319°, 22%, 64%
HSV	319°, 22%, 72%
XYZ	36.9403, 32.7755, 42.9074
YIQ	158.4510, 15.4480, 17.4000

Conversions

Conversions Part 2

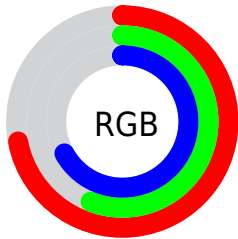
Format	Color
RYB	184, 143, 171
Decimal	12095403
CIELab	63.98, 20.15, -8.73
CIELCh	64, 21.962, 336.564
Yxy	32.7755, 0.3280, 0.2910
Android (android.graphics.Color)	4290285483 (0xFFB88FAB)
YUV	158.4510, 6.1867, 22.4065
Hunter-Lab	57.2499, 14.9892, -4.3615

Details

The XYZ color **36.9403, 32.7755, 42.9074** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.4702, 42.5219, 37.8452**, and the grayscale version is **32.6728, 34.3744, 37.4337**.

A 20% lighter version of the original color is **69.6289, 63.9488, 80.6250**, and **16.3628, 13.7320, 19.2409** is the 20% darker color. If you saturate the color by 10%, you get **33.8577, 27.4803, 39.1964**, and if you desaturate by 10%, it is **40.5025, 38.9895, 46.9001**.

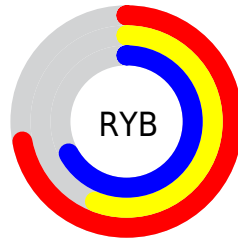
Distribution



Red (72%)

Green (56%)

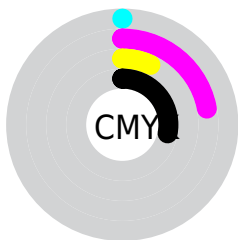
Blue (67%)



Red (72%)

Yellow (56%)

Blue (67%)

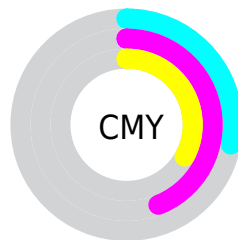


Cyan (0%)

Magenta (22%)

Yellow (7%)

Black (28%)



Cyan (28%)


Magenta (44%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9403, 32.7755, 42.9074 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 36.9403, 32.7755, 42.9074 by changing the saturation by 10% instead.


 36.9403, 32.7755,
42.9074


 36.9403, 32.7755,
42.9074


324.4120,
314.6369, 374.1408

 25.3347, 21.9545,
29.4816


 69.7954, 64.0249,
80.8560

 16.4567, 13.8235,
19.1967


 91.7756, 85.2220,
106.2158

 9.9408, 7.9980,
11.6343


117.9448,
110.6468, 136.3908

 5.4217, 4.0937,
6.3757

148.6682,
140.6834, 171.7993

 2.5340, 1.7261,
3.0024

184.3113,
175.7163, 212.8601

 0.9124, 0.4405,
1.0958

225.2394,

 0.0000, 0.0000,

216.1299, 259.9916

0.0000

271.8178,
262.3087, 313.6123

■ 36.9403, 32.7755,
42.9074

■ 36.9403, 32.7755,
42.9074

■ 33.8577, 27.4803,
39.1964

■ 40.5025, 38.9895,
46.9001

■ 31.2293, 23.0554,
35.7561

■ 44.5622, 46.1592,
51.1810

■ 29.0320, 19.4541,
32.5775

■ 49.1399, 54.3248,
55.7586

■ 27.2390, 16.6240,
29.6501

■ 54.2543, 63.5229,
60.6408

■ 25.8209, 14.5063,
26.9624

■ 59.9228, 73.7881,
65.8347

■ 24.7437, 13.0337,
24.5015

■ 66.1623, 85.1536,
71.3474

■ 23.9671, 12.1260,
22.2521

■ 67.3914, 86.4561,
75.3198

■ 23.5110, 11.6879,
20.6387

■ 68.1402, 86.7556,
79.2633

■ 68.9160, 87.0659,
83.3484

Harmonies

Analogous

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



34.8352, 32.7755, 51.2091



36.9403, 32.7755, 42.9074



37.4492, 32.7755, 33.7731

Triad

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



36.9403, 32.7755, 42.9074



30.4765, 32.7755, 21.2863



26.6106, 32.7755, 46.8389

Complementary

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



36.9403, 32.7755, 42.9074



34.4702, 42.5219, 37.8452

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.



25.6038, 32.7755, 37.6718



36.9403, 32.7755, 42.9074



27.7382, 32.7755, 23.6687

Square

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



36.9403, 32.7755, 42.9074



33.5806, 32.7755, 22.2171



26.0026, 32.7755, 29.3257



28.8436, 32.7755, 53.7290

Rectangle

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



36.9403, 32.7755, 42.9074



36.7867, 32.7755, 28.5919



26.0026, 32.7755, 29.3257



26.1245, 32.7755, 43.8682

Sweetspot

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



36.9413, 32.7770, 42.9081



77.1058, 77.1683, 88.9590



32.1826, 30.1735, 49.4758



16.5289, 16.4707, 19.0790



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.9413, 32.7770, 42.9081



63.9693, 54.2492, 74.2401



35.1375, 32.0555, 33.4097



9.2565, 9.1130, 10.6979



16.2366, 8.0684, 14.3987



0.5991, 0.2951, 0.6485

Inverse Universe

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



36.9413, 32.7770, 42.9081



63.9693, 54.2492, 74.2401



36.3537, 43.2752, 47.7632



9.2565, 9.1130, 10.6979



16.2366, 8.0684, 14.3987



0.5991, 0.2951, 0.6485

Previews

White Background



This preview shows how the XYZ color 36.9403, 32.7755, 42.9074 looks on a white background.

Color Contrast Check

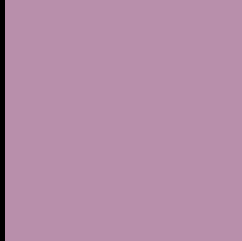
Large Text (above 18pt) WCAG AA × Fail

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 36.9403, 32.7755, 42.9074 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 36.9403, 32.7755, 42.9074

Background



This preview shows how black text looks on a background with the XYZ color 36.9403, 32.7755, 42.9074.



This preview shows how white text looks on a background with the XYZ color 36.9403, 32.7755,

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

36.9403, 32.7755, 42.9074

Protanopia

32.3540, 32.9049, 46.7655

Deuteranopia

33.5379, 32.8903, 42.1169



Tritanopia

35.5026, 32.6302, 36.3254

Trichromacy



Original Color

36.9403, 32.7755, 42.9074

Protanomaly

33.7485, 32.6944, 45.0893

Deuteranomaly

34.6402, 32.7400, 42.5239

Tritanomaly

36.0233, 32.6224, 38.5805

Monochromacy



Original Color

36.9403, 32.7755, 42.9074

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.9384, 33.6423, 39.3552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9403, 32.7755, 42.9074 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(184, 143, 171)` looks like.

```
.text, #text, p{  
    color:rgb(184, 143, 171)  
}
```

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(184, 143, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 143, 171) }
```

Border

The CSS property to change the border of an element to XYZ 36.9403, 32.7755, 42.9074 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(184, 143, 171) }
```


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

```
.border{ border-color:rgb(184, 143, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 143, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 143, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 143, 171);  
box-shadow:4px 4px 4px 4px rgb(184, 143,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9403, 32.7755, 42.9074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 143, 171) }
```

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

```
.background{ background-color: rgb(184,  
143, 171) }
```

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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