

Converting Colors

XYZ(44.0342, 34.8693, 76.4648)

Have a look what the booklet for
XYZ(44.0342, 34.8693, 76.4648)
contains.

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Color

**XYZ(43.9464, 34.7750,
76.3475)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8BE2
RGB	189, 139, 226
RGB Percent	74%, 55%, 89%
CMY	0.2588, 0.4549, 0.1137
CMYK	0.16, 0.38, 0.00, 0.11
HSL	274°, 60%, 72%
HSV	274°, 38%, 89%
XYZ	43.9464, 34.7750, 76.3475
YIQ	163.8680, 1.8730, 37.6570

Conversions

Conversions Part 2

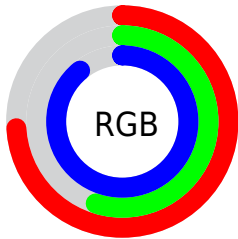
Format	Color
RYB	189, 139, 226
Decimal	12422114
CIELab	65.57, 35.02, -37.04
CIELCh	66, 50.976, 313.399
Yxy	34.7750, 0.2834, 0.2243
Android (android.graphics.Color)	4290612194 (0xFFBD8BE2)
YUV	163.8680, 30.6311, 22.0408
Hunter-Lab	58.9703, 29.8253, -35.4821

Details

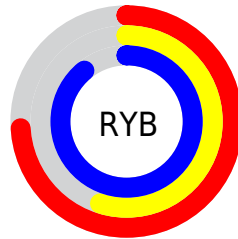
The XYZ color **43.9464, 34.7750, 76.3475** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **49.7619, 65.4876, 34.4451**, and the grayscale version is **35.0833, 36.9104, 40.1954**.

A 20% lighter version of the original color is **75.1260, 64.9528, 103.1853**, and **20.5769, 14.9501, 39.8313** is the 20% darker color. If you saturate the color by 10%, you get **38.7005, 27.7054, 75.2600**, and if you desaturate by 10%, it is **50.0291, 43.2816, 77.6694**.

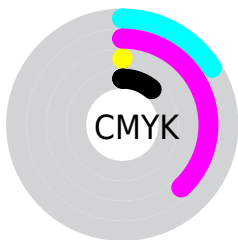
Distribution



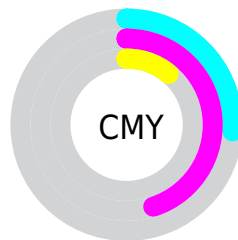
- Red (74%)
- Green (55%)
- Blue (89%)



- Red (74%)
- Yellow (55%)
- Blue (89%)



- Cyan (16%)
- Magenta (38%)
- Yellow (0%)
- Black (11%)




- Cyan (26%)
- Magenta (45%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9464, 34.7750, 76.3475 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 43.9464, 34.7750, 76.3475 by changing the saturation by 10% instead.


 43.9464, 34.7750,
76.3475


 43.9464, 34.7750,
76.3475


353.3454,
323.5741, 501.9149


 30.8261, 23.4896,
56.2091

 80.3839, 67.1371,
129.9826

 20.6176, 14.9554,
39.9655


 104.4319, 88.9825,
164.3164

 12.9557, 8.7881,
27.1981


 132.8531,
115.1168, 204.2191

 7.4748, 4.6032,
17.4883

166.0129,
145.9243, 250.1092

 3.8097, 2.0164,
10.4176

204.2767,
181.7893, 302.4053

 1.5951, 0.6170,
5.5675

248.0098,

 0.3892, 0.0000,

223.0964, 361.5259

2.5194

297.5776,
270.2298, 427.8896

■ 0.0000, 0.0000,
0.8504

■ 0.0000, 0.0000,
0.0000

■ 43.9464, 34.7750,
76.3475

■ 43.9464, 34.7750,
76.3475

■ 38.7005, 27.7054,
75.2600

■ 50.0291, 43.2816,
77.6694

■ 34.2428, 21.9830,
74.3904

■ 56.9862, 53.2993,
79.2363

■ 30.5247, 17.5144,
73.7238

■ 64.8575, 64.9019,
81.0610

■ 27.4898, 14.1916,
73.2424

■ 73.6788, 78.1572,
83.1546

■ 25.0723, 11.8879,
72.9252

■ 83.4841, 93.1290,
85.5277

■ 23.1765, 10.4170,
72.7412

■ 87.7293, 96.7254,
85.9981

■ 22.9162, 10.2279,
72.7184

■ 90.7276, 98.2710,
86.1384

Harmonies

Analogous

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



36.4971, 34.7750, 93.6948



43.9464, 34.7750, 76.3475



48.8318, 34.7750, 50.8867

Triad

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



43.9464, 34.7750, 76.3475



37.3322, 34.7750, 10.5267



20.9477, 34.7750, 48.2287

Complementary

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



43.9464, 34.7750, 76.3475



49.7619, 65.4876, 34.4451

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.



21.1015, 34.7750, 27.2775



43.9464, 34.7750, 76.3475



29.8319, 34.7750, 10.2751

Square

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



43.9464, 34.7750, 76.3475



44.6367, 34.7750, 16.0360



24.1266, 34.7750, 15.1362



23.6691, 34.7750, 73.7810

Rectangle

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



43.9464, 34.7750, 76.3475



49.5800, 34.7750, 35.4749



24.1266, 34.7750, 15.1362



20.6788, 34.7750, 40.3581

Sweetspot

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



43.9476, 34.7764, 76.3483



81.4266, 79.6214, 105.6846



40.0390, 42.3071, 78.0079



17.1348, 16.6084, 22.5526



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.



43.9476, 34.7764, 76.3483



52.3040, 38.3065, 99.2449



53.5423, 39.8131, 72.7125



13.7026, 13.6302, 17.2964



13.2120, 5.9064, 41.4921



1.0175, 0.4618, 2.8808

Inverse Universe

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



48.4340, 37.7698, 45.8127



59.3179, 42.9640, 52.5094



42.9403, 61.9207, 36.3973



13.9479, 13.7968, 15.4960



19.1573, 9.7299, 7.4941



1.3720, 0.6921, 0.7517

Previews

White Background



This preview shows how the XYZ color 43.9464, 34.7750, 76.3475 looks on a white background.

Color Contrast Check

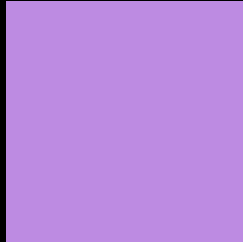
Large Text (above 18pt) WCAG AA × Fail

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 43.9464, 34.7750, 76.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

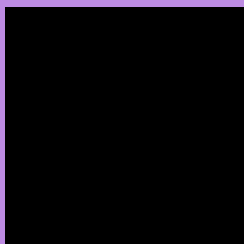
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9464, 34.7750, 76.3475

Background



This preview shows how black text looks on a background with the XYZ color 43.9464, 34.7750, 76.3475.



This preview shows how white text looks on a background with the XYZ color 43.9464, 34.7750,

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

43.9464, 34.7750, 76.3475

Protanopia

36.9911, 35.1510, 87.2733

Deuteranopia

35.8929, 35.1309, 73.9964



Tritanopia

36.5195, 34.7205, 39.8989

Trichromacy



Original Color

43.9464, 34.7750, 76.3475

Protanomaly

38.6642, 34.3902, 83.1974

Deuteranomaly

38.2905, 34.6290, 74.4780

Tritanomaly

38.9318, 34.5226, 51.6253

Monochromacy



Original Color

43.9464, 34.7750, 76.3475

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.9246, 35.9148, 51.9471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9464, 34.7750, 76.3475 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(189, 139, 226)` looks like.

```
.text, #text, p{  
    color:rgb(189, 139, 226)  
}
```

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(189, 139, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 139, 226) }
```

Border

The CSS property to change the border of an element to XYZ 43.9464, 34.7750, 76.3475 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(189, 139, 226) }
```


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

```
.border{ border-color:rgb(189, 139, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 139, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 139, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 139, 226);  
box-shadow:4px 4px 4px 4px rgb(189, 139,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9464, 34.7750, 76.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 139, 226) }
```

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

```
.background{ background-color: rgb(189,  
139, 226) }
```

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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