

Converting Colors

XYZ(47.2514, 42.6962, 73.9057)

Have a look what the booklet for
XYZ(47.2514, 42.6962, 73.9057)
contains.

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Color

**XYZ(47.4925, 42.9495,
74.1936)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA5DD
RGB	189, 165, 221
RGB Percent	74%, 65%, 87%
CMY	0.2588, 0.3529, 0.1333
CMYK	0.14, 0.25, 0.00, 0.13
HSL	266°, 45%, 76%
HSV	266°, 25%, 87%
XYZ	47.4925, 42.9495, 74.1936
YIQ	178.5600, -3.6720, 22.5040

Conversions

Conversions Part 2

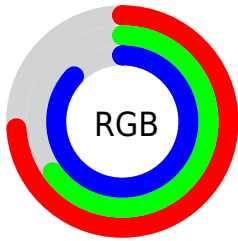
Format	Color
RYB	189, 165, 221
Decimal	12428765
CIELab	71.52, 19.52, -25.10
CIElCh	72, 31.794, 307.875
Yxy	42.9495, 0.2885, 0.2609
Android (android.graphics.Color)	4290618845 (0xFFBDA5DD)
YUV	178.5600, 20.9229, 9.1559
Hunter-Lab	65.5359, 14.6675, -21.2475

Details

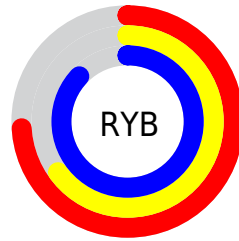
The XYZ color **47.4925, 42.9495, 74.1936** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.6754, 66.3009, 45.4622**, and the grayscale version is **42.5086, 44.7224, 48.7027**.

A 20% lighter version of the original color is **81.6492, 77.9992, 105.3597**, and **22.7797, 19.7143, 38.6810** is the 20% darker color. If you saturate the color by 10%, you get **40.8483, 34.1102, 72.8383**, and if you desaturate by 10%, it is **55.1011, 53.3105, 75.7931**.

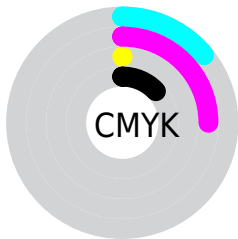
Distribution



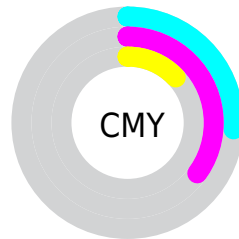
- Red (74%)
- Green (65%)
- Blue (87%)



- Red (74%)
- Yellow (65%)
- Blue (87%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)
- Black (13%)





- Cyan (26%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4925, 42.9495, 74.1936 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 47.4925, 42.9495, 74.1936 by changing the saturation by 10% instead.

 47.4925, 42.9495,
74.1936


 47.4925, 42.9495,
74.1936


367.3931,
358.4040, 494.3225

 33.6347, 29.8455,
54.4548

 85.6626, 79.6346,
126.9068

 22.7747, 19.7213,
38.5697

 110.7056,
103.9846, 160.7182

 14.5470, 12.1927,
26.1199


140.2078,
132.8519, 200.0576

 8.5863, 6.8750,
16.6868

174.5345,
166.6211, 245.3434

 4.5273, 3.3841,
9.8518

214.0510,
205.6765, 296.9943

 2.0046, 1.3354,
5.1965

259.1227,

 0.6365, 0.1683,

250.4026, 355.4288

2.3023

310.1149,
301.1836, 421.0653

■ 0.0000, 0.0000,
0.7325

■ 0.0000, 0.0000,
0.0000

■ 47.4925, 42.9495,
74.1936

■ 47.4925, 42.9495,
74.1936

■ 40.8483, 34.1102,
72.8383

■ 55.1011, 53.3105,
75.7931

■ 35.1219, 26.7129,
71.7123

■ 63.7093, 65.2570,
77.6453

■ 30.2690, 20.6785,
70.8033

■ 73.3559, 78.8556,
79.7617

■ 26.2394, 15.9178,
70.0968

■ 84.0760, 94.1676,
82.1522

■ 22.9771, 12.3307,
69.5764

■ 89.0093, 97.4633,
82.5283

■ 20.4182, 9.8013,
69.2230

■ 90.0513, 98.0005,
82.5771

■ 18.4852, 8.1878,
69.0135

■ 17.7407, 7.6380,
68.9466

Harmonies

Analogous

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



42.2528, 42.9495, 82.5822



47.4925, 42.9495, 74.1936



51.1495, 42.9495, 58.8046

Triad

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



47.4925, 42.9495, 74.1936



44.8343, 42.9495, 24.3786



31.4279, 42.9495, 50.9328

Complementary

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



47.4925, 42.9495, 74.1936



55.6754, 66.3009, 45.4622

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.



31.9879, 42.9495, 36.4917



47.4925, 42.9495, 74.1936



39.4243, 42.9495, 23.1698

Square

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



47.4925, 42.9495, 74.1936



49.5235, 42.9495, 30.8631



34.8077, 42.9495, 27.0971



33.2050, 42.9495, 67.3615

Rectangle

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



47.4925, 42.9495, 74.1936



52.0296, 42.9495, 47.8694



34.8077, 42.9495, 27.0971



31.3522, 42.9495, 45.6772

Sweetspot

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



47.4939, 42.9513, 74.1946



84.7244, 85.5236, 106.6500



48.6876, 53.4572, 76.1595



17.7412, 17.7583, 22.7426



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.



47.4939, 42.9513, 74.1946



61.0157, 53.1511, 101.6511



54.9250, 46.7822, 74.5423



12.8652, 12.8886, 16.4618



10.4297, 4.5009, 40.0575



0.7730, 0.3418, 2.5997

Inverse Universe

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



53.3534, 46.3154, 58.9529



70.4738, 58.5856, 76.8525



49.1550, 62.9396, 45.1570



13.3663, 13.1756, 15.1900



19.5785, 9.8324, 12.6924



1.3112, 0.6541, 1.0479

Previews

White Background



This preview shows how the XYZ color 47.4925, 42.9495, 74.1936 looks on a white background.

Color Contrast Check

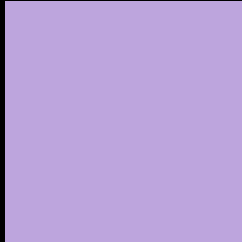
Large Text (above 18pt) WCAG AA × Fail

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 47.4925, 42.9495, 74.1936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

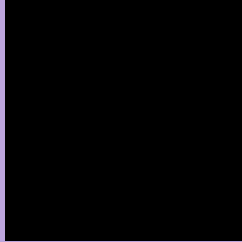
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4925, 42.9495, 74.1936

Background



This preview shows how black text looks on a background with the XYZ color 47.4925, 42.9495, 74.1936.



This preview shows how white text looks on a background with the XYZ color 47.4925, 42.9495,

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

47.4925, 42.9495, 74.1936

Protanopia

43.5066, 43.0103, 78.6818

Deuteranopia

44.0330, 43.1074, 73.7099



Tritanopia

43.0379, 43.0751, 51.9449

Trichromacy



Original Color

47.4925, 42.9495, 74.1936

Protanomaly

44.7599, 42.8436, 77.1447

Deuteranomaly

45.0107, 42.7733, 73.5939

Tritanomaly

44.3886, 42.7674, 59.3415

Monochromacy



Original Color

47.4925, 42.9495, 74.1936

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.4021, 44.2344, 57.2368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4925, 42.9495, 74.1936 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, 165, 221)` looks like.

```
.text, #text, p{  
    color:rgb(189, 165, 221)  
}
```

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, 165, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 165, 221) }
```

Border

The CSS property to change the border of an element to XYZ 47.4925, 42.9495, 74.1936 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, 165, 221) }
```


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

```
.border{ border-color:rgb(189, 165, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 165, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 165, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 165, 221);  
box-shadow:4px 4px 4px 4px rgb(189, 165,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4925, 42.9495, 74.1936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 165, 221) }
```

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

```
.background{ background-color: rgb(189,  
165, 221) }
```

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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