

Converting Colors

XYZ(47.2158, 44.4589, 69.2549)

Have a look what the booklet for
XYZ(47.2158, 44.4589, 69.2549)
contains.

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Color

**XYZ(47.3122, 44.6213,
69.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	BCABD5
RGB	188, 171, 213
RGB Percent	74%, 67%, 84%
CMY	0.2627, 0.3294, 0.1647
CMYK	0.12, 0.20, 0.00, 0.16
HSL	264°, 33%, 75%
HSV	264°, 20%, 84%
XYZ	47.3122, 44.6213, 69.0699
YIQ	180.8710, -3.3500, 16.6660

Conversions

Conversions Part 2

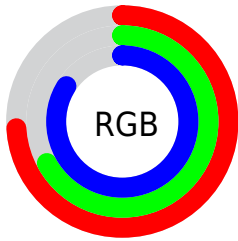
Format	Color
RYB	188, 171, 213
Decimal	12364757
CIELab	72.64, 14.18, -19.02
CIELCh	73, 23.723, 306.721
Yxy	44.6213, 0.2939, 0.2771
Android (android.graphics.Color)	4290554837 (0xFFBCABD5)
YUV	180.8710, 15.8396, 6.2521
Hunter-Lab	66.7992, 9.5286, -14.5460

Details

The XYZ color **47.3122, 44.6213, 69.0699** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.9114, 62.2656, 47.7072**, and the grayscale version is **43.7709, 46.0504, 50.1489**.

A 20% lighter version of the original color is **82.5546, 80.8458, 105.8614**, and **22.5999, 20.7306, 35.1580** is the 20% darker color. If you saturate the color by 10%, you get **40.6213, 35.6739, 67.6962**, and if you desaturate by 10%, it is **54.9286, 55.0105, 70.6745**.

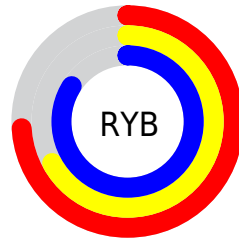
Distribution



Red (74%)

Green (67%)

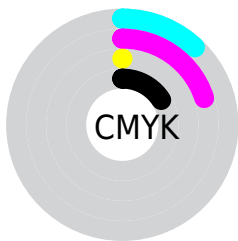
Blue (84%)



Red (74%)

Yellow (67%)

Blue (84%)

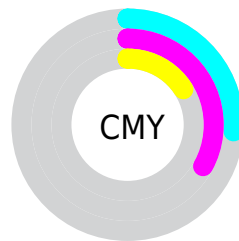


Cyan (12%)

Magenta (20%)

Yellow (0%)

Black (16%)



Cyan (26%)

Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3122, 44.6213, 69.0699 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 47.3122, 44.6213, 69.0699 by changing the saturation by 10% instead.

■ 47.3122, 44.6213,
69.0699

■ 47.3122, 44.6213,
69.0699

366.6875,
365.2376, 475.9781

■ 33.4915, 31.1592,
50.2965

■ 85.3954, 82.1518,
119.5501

■ 22.6643, 20.7201,
35.2762

110.3885,
106.9891, 152.0939

■ 14.4651, 12.9196,
23.5905

139.8366,
136.3869, 190.0650

■ 8.5287, 7.3732,
14.8207

174.1049,
170.7296, 233.8819

■ 4.4897, 3.6966,
8.5484

213.5588,
210.4017, 283.9631

■ 1.9827, 1.5053,
4.3551

258.5636,

■ 0.6242, 0.2925,

255.7874, 340.7272

1.8221

309.4847,
307.2713, 404.5927

■ 0.0000, 0.0000,
0.4425

■ 0.0000, 0.0000,
0.0000

■ 47.3122, 44.6213,
69.0699

■ 47.3122, 44.6213,
69.0699

■ 40.6213, 35.6739,
67.6962

■ 54.9286, 55.0105,
70.6745

■ 34.8137, 28.0971,
66.5398

■ 63.5021, 66.8973,
72.5170

■ 29.8501, 21.8219,
65.5902

■ 73.0677, 80.3412,
74.6078

■ 25.6859, 16.7710,
64.8348

■ 83.2720, 94.6259,
76.8272

■ 22.2724, 12.8584,
64.2595

■ 87.6974, 96.9073,
77.0343

■ 19.5545, 9.9867,
63.8484

■ 89.0104, 97.5841,
77.0957

■ 17.4682, 8.0409,
63.5828

■ 15.9073, 6.8228,
63.4300

■ 15.8675, 6.7926,
63.4262

Harmonies

Analogous

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



43.3425, 44.6213, 74.6959



47.3122, 44.6213, 69.0699



50.0897, 44.6213, 58.0862

Triad

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



47.3122, 44.6213, 69.0699



45.6106, 44.6213, 30.6247



35.0395, 44.6213, 51.2812

Complementary

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



47.3122, 44.6213, 69.0699



53.9114, 62.2656, 47.7072

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.



35.5605, 44.6213, 40.1808



47.3122, 44.6213, 69.0699



41.4934, 44.6213, 29.4016

Square

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



47.3122, 44.6213, 69.0699



49.0638, 44.6213, 36.2740



37.8609, 44.6213, 32.6128



36.3889, 44.6213, 63.4070

Rectangle

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



47.3122, 44.6213, 69.0699



50.7971, 44.6213, 49.8907



37.8609, 44.6213, 32.6128



35.0031, 44.6213, 47.3023

Sweetspot

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



47.3136, 44.6232, 69.0709



87.0902, 88.9371, 107.1842



48.5915, 53.0337, 70.6269



18.4624, 18.7894, 22.9036



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.



47.3136, 44.6232, 69.0709



66.3815, 60.7081, 102.8269



52.8124, 47.4579, 69.3282



12.2137, 12.2516, 15.6586



9.8013, 4.2052, 38.7483



0.6835, 0.3013, 2.3414

Inverse Universe

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



51.9687, 47.2594, 58.6094



74.8026, 65.4807, 83.7289



48.8706, 59.6670, 47.4713



12.7304, 12.5437, 14.5205



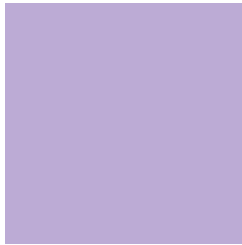
19.1454, 9.5945, 13.3355



1.1953, 0.5949, 1.0177

Previews

White Background



This preview shows how the XYZ color 47.3122, 44.6213, 69.0699 looks on a white background.

Color Contrast Check

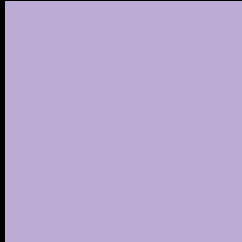
Large Text (above 18pt) WCAG AA × Fail

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 47.3122, 44.6213, 69.0699 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 47.3122, 44.6213, 69.0699

Background



This preview shows how black text looks on a background with the XYZ color 47.3122, 44.6213, 69.0699.



This preview shows how white text looks on a background with the XYZ color 47.3122, 44.6213,

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

47.3122, 44.6213, 69.0699

Protanopia

44.6087, 44.8891, 71.9590

Deuteranopia

45.6101, 44.6093, 68.4939



Tritanopia

44.2824, 44.5244, 54.4042

Trichromacy



Original Color

47.3122, 44.6213, 69.0699

Protanomaly

45.6291, 44.8479, 71.2173

Deuteranomaly

46.1186, 44.5857, 68.4625

Tritanomaly

45.3367, 44.6636, 59.6575

Monochromacy



Original Color

47.3122, 44.6213, 69.0699

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.1149, 45.4849, 56.8537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3122, 44.6213, 69.0699 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(188, 171, 213)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 213)  
}
```

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(188, 171, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 213) }
```

Border

The CSS property to change the border of an element to XYZ 47.3122, 44.6213, 69.0699 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(188, 171, 213) }
```


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

```
.border{ border-color:rgb(188, 171, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 171, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 171, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 171, 213);  
box-shadow:4px 4px 4px 4px rgb(188, 171,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3122, 44.6213, 69.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 171, 213) }
```

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

```
.background{ background-color: rgb(188,  
171, 213) }
```

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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