

Converting Colors

XYZ(49.0582, 48.5277, 73.5843)

Have a look what the booklet for
XYZ(49.0582, 48.5277, 73.5843)
contains.

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Color

**XYZ(49.2813, 48.7607,
73.8322)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B6DB
RGB	184, 182, 219
RGB Percent	72%, 71%, 86%
CMY	0.2784, 0.2863, 0.1412
CMYK	0.16, 0.17, 0.00, 0.14
HSL	243°, 34%, 79%
HSV	243°, 17%, 86%
XYZ	49.2813, 48.7607, 73.8322
YIQ	186.8160, -10.6850, 11.9310

Conversions

Conversions Part 2

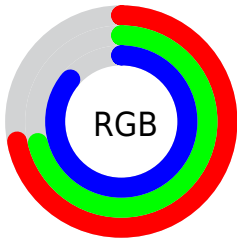
Format	Color
RYB	184, 182, 219
Decimal	12105435
CIELab	75.30, 8.14, -18.29
CIELCh	75, 20.020, 293.991
Yxy	48.7607, 0.2867, 0.2837
Android (android.graphics.Color)	4290295515 (0xFFB8B6DB)
YUV	186.8160, 15.8667, -2.4696
Hunter-Lab	69.8289, 3.7748, -13.8089

Details

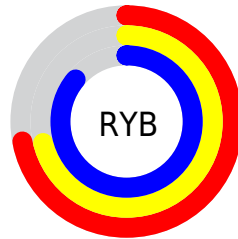
The XYZ color **49.2813, 48.7607, 73.8322** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.3919, 68.7934, 54.2482**, and the grayscale version is **47.0494, 49.4996, 53.9051**.

A 20% lighter version of the original color is **84.5597, 86.8943, 106.9233**, and **23.9112, 23.2061, 38.3409** is the 20% darker color. If you saturate the color by 10%, you get **40.5378, 38.1088, 72.2378**, and if you desaturate by 10%, it is **59.4560, 61.1940, 75.6966**.

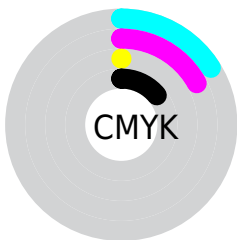
Distribution



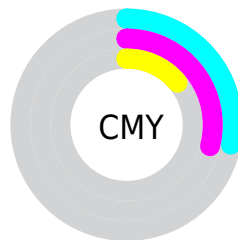
- Red (72%)
- Green (71%)
- Blue (86%)



- Red (72%)
- Yellow (71%)
- Blue (86%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2813, 48.7607, 73.8322 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 49.2813, 48.7607, 73.8322 by changing the saturation by 10% instead.

■ 49.2813, 48.7607,
73.8322

■ 49.2813, 48.7607,
73.8322

374.3473,
381.7995, 493.0419

■ 35.0581, 34.4297,
54.1608

■ 88.3073, 88.3359,
126.3898

■ 23.8744, 23.2239,
38.3361

113.8409,
114.3490, 160.1129

■ 15.3647, 14.7589,
25.9398

143.8753,
145.0248, 199.3571

■ 9.1637, 8.6504,
16.5533

178.7759,
180.7478, 244.5409

■ 4.9061, 4.5138,
9.7579

218.9080,
221.9023, 296.0827

■ 2.2265, 1.9649,
5.1353

264.6371,

■ 0.7566, 0.5870,

268.8729, 354.4011

2.2667

316.3284,
322.0438, 419.9147

■ 0.0000, 0.0000,
0.7125

■ 0.0000, 0.0000,
0.0000

■ 49.2813, 48.7607,
73.8322

■ 49.2813, 48.7607,
73.8322

■ 40.5378, 38.1088,
72.2378

■ 59.4560, 61.1940,
75.6966

■ 33.1570, 29.1512,
70.8978

■ 71.1172, 75.4787,
77.8392

■ 27.0716, 21.8021,
69.8000

■ 84.3231, 91.6884,
80.2720

■ 22.2067, 15.9663,
68.9300

■ 89.7863, 97.8945,
81.1819

■ 18.4798, 11.5383,
68.2717

■ 15.7982, 8.3990,
67.8071

■ 14.0544, 6.4097,
67.5151

■ 13.1146, 5.3934,
67.3684

■ 12.9356, 5.1915,
67.3389

Harmonies

Analogous

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



45.6091, 48.7607, 75.8927



49.2813, 48.7607, 73.8322



52.3058, 48.7607, 65.9138

Triad

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



49.2813, 48.7607, 73.8322



50.6295, 48.7607, 38.3341



39.6613, 48.7607, 50.9997

Complementary

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



49.2813, 48.7607, 73.8322



62.3919, 68.7934, 54.2482

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.



40.8563, 48.7607, 42.0513



49.2813, 48.7607, 73.8322



47.0900, 48.7607, 35.3875

Square

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



49.2813, 48.7607, 73.8322



53.1125, 48.7607, 45.2745



43.5288, 48.7607, 36.6526



40.1793, 48.7607, 61.7615

Rectangle

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



49.2813, 48.7607, 73.8322



53.4821, 48.7607, 58.8768



43.5288, 48.7607, 36.6526



39.8739, 48.7607, 47.6993

Sweetspot

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



49.2828, 48.7627, 73.8333



86.8176, 89.9170, 107.3877



56.9306, 64.7639, 76.5187



18.3442, 18.9542, 22.9416



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.



49.2828, 48.7627, 73.8333



65.3064, 63.6358, 103.4487



53.9677, 51.1779, 74.0525



12.4034, 12.6506, 16.4402



7.6988, 3.0931, 39.9297



0.5222, 0.2125, 2.5879

Inverse Universe

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



58.4673, 53.5277, 72.8980



80.4425, 71.4896, 101.8587



57.2369, 66.1359, 54.0070



13.5824, 13.2621, 16.3283



24.0262, 11.6115, 36.1135



1.5660, 0.7560, 2.3896

Previews

White Background



This preview shows how the XYZ color 49.2813, 48.7607, 73.8322 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 49.2813, 48.7607, 73.8322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

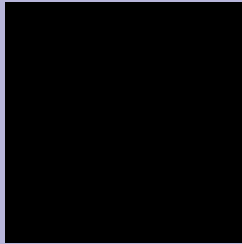
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2813, 48.7607, 73.8322

Background



This preview shows how black text looks on a background with the XYZ color 49.2813, 48.7607, 73.8322.



This preview shows how white text looks on a background with the XYZ color 49.2813, 48.7607,

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

49.2813, 48.7607, 73.8322

Protanopia

48.4189, 48.9133, 74.5994

Deuteranopia

49.8036, 48.7270, 73.7982



Tritanopia

46.8303, 48.6918, 61.5738

Trichromacy



Original Color

49.2813, 48.7607, 73.8322

Protanomaly

48.6741, 48.7376, 74.5520

Deuteranomaly

49.5598, 48.6013, 73.7867

Tritanomaly

47.6944, 48.7311, 65.9238

Monochromacy



Original Color

49.2813, 48.7607, 73.8322

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.9075, 49.2605, 61.0161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2813, 48.7607, 73.8322 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, 182, 219)` looks like.

```
.text, #text, p{  
    color:rgb(184, 182, 219)  
}
```

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, 182, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 182, 219) }
```

Border

The CSS property to change the border of an element to XYZ 49.2813, 48.7607, 73.8322 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, 182, 219) }
```


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

```
.border{ border-color:rgb(184, 182, 219) }
```

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

Here you see how a box with a 4 pixel rgb(184, 182, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 182, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 182, 219);  
box-shadow:4px 4px 4px 4px rgb(184, 182,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2813, 48.7607, 73.8322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 182, 219) }
```

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

```
.background{ background-color: rgb(184,  
182, 219) }
```

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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