

Converting Colors

XYZ(44.9800, 42.3579, 66.7779)

Have a look what the booklet for
XYZ(44.9800, 42.3579, 66.7779)
contains.

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Color

**XYZ(44.9800, 42.3579,
66.7779)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A7D2
RGB	183, 167, 210
RGB Percent	72%, 65%, 82%
CMY	0.2823, 0.3451, 0.1765
CMYK	0.13, 0.20, 0.00, 0.18
HSL	262°, 32%, 74%
HSV	262°, 20%, 82%
XYZ	44.9800, 42.3579, 66.7779
YIQ	176.6860, -4.2670, 16.7650

Conversions

Conversions Part 2

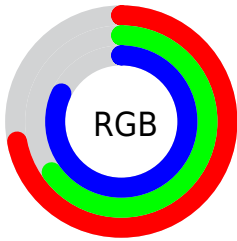
Format	Color
RYB	183, 167, 210
Decimal	12036050
CIELab	71.12, 14.14, -19.72
CIELCh	71, 24.265, 305.631
Yxy	42.3579, 0.2919, 0.2748
Android (android.graphics.Color)	4290226130 (0xFFB7A7D2)
YUV	176.6860, 16.4238, 5.5374
Hunter-Lab	65.0829, 9.4694, -15.2760

Details

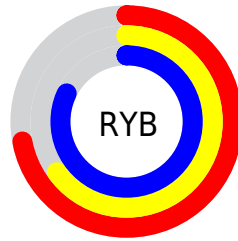
The XYZ color **44.9800, 42.3579, 66.7779** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.2713, 60.3536, 45.4557**, and the grayscale version is **41.5447, 43.7083, 47.5983**.

A 20% lighter version of the original color is **79.7679, 77.8133, 105.4230**, and **21.2530, 19.3739, 33.6297** is the 20% darker color. If you saturate the color by 10%, you get **38.4501, 33.7377, 65.4589**, and if you desaturate by 10%, it is **52.4311, 52.3825, 68.3208**.

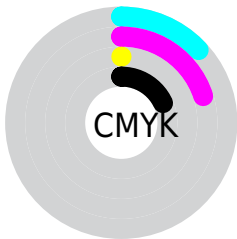
Distribution



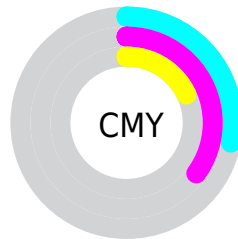
- Red (72%)
- Green (65%)
- Blue (82%)



- Red (72%)
- Yellow (65%)
- Blue (82%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9800, 42.3579, 66.7779 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 44.9800, 42.3579, 66.7779 by changing the saturation by 10% instead.

■ 44.9800, 42.3579,
66.7779

■ 44.9800, 42.3579,
66.7779

357.4776,
355.9644, 467.6337

■ 31.6429, 29.3816,
48.4437

■ 81.9276, 78.7410,
116.2397

■ 21.2431, 19.3697,
33.8159

■ 106.2689,
102.9166, 148.2044

■ 13.4153, 11.9377,
22.4760

135.0089,
131.5942, 185.5497

■ 7.7941, 6.7013,
14.0054

168.5130,
165.1580, 228.6941

■ 4.0142, 3.2760,
7.9856

207.1466,
203.9926, 278.0562

■ 1.7102, 1.2775,
3.9981

251.2750,

■ 0.4626, 0.1237,

248.4823, 334.0545

1.6243

301.2635,
299.0114, 397.1075

■ 0.0000, 0.0000,
0.3081

■ 0.0000, 0.0000,
0.0000

■ 44.9800, 42.3579,
66.7779

■ 44.9800, 42.3579,
66.7779

■ 38.4501, 33.7377,
65.4589

■ 52.4311, 52.3825,
68.3208

■ 32.7993, 26.4522,
64.3505

■ 60.8353, 63.8664,
70.0945

■ 27.9880, 20.4337,
63.4424

■ 70.2277, 76.8678,
72.1090

■ 23.9716, 15.6063,
62.7223

■ 80.6402, 91.4403,
74.3729

■ 20.7011, 11.8855,
62.1764

■ 86.4368, 96.3010,
75.0056

■ 18.1212, 9.1753,
61.7893

■ 88.6330, 97.4332,
75.1084

■ 16.1675, 7.3623,
61.5423

■ 14.7858, 6.2785,
61.4060

Harmonies

Analogous

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



41.0306, 42.3579, 72.1327



44.9800, 42.3579, 66.7779



47.7960, 42.3579, 55.9716

Triad

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



44.9800, 42.3579, 66.7779



43.5668, 42.3579, 28.6090



32.9816, 42.3579, 48.3488

Complementary

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



44.9800, 42.3579, 66.7779



52.2713, 60.3536, 45.4557

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.



33.5608, 42.3579, 37.4990



44.9800, 42.3579, 66.7779



39.4989, 42.3579, 27.2608

Square

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



44.9800, 42.3579, 66.7779



46.9425, 42.3579, 34.2860



35.8822, 42.3579, 30.2341



34.2437, 42.3579, 60.4061

Rectangle

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



44.9800, 42.3579, 66.7779



48.5542, 42.3579, 47.8443



35.8822, 42.3579, 30.2341



32.9685, 42.3579, 44.4387

Sweetspot

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



44.9813, 42.3597, 66.7788



86.9151, 88.8468, 107.1760



46.9145, 51.5576, 68.4523



18.4211, 18.7681, 22.9017



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.



44.9813, 42.3597, 66.7788



64.7506, 59.0331, 102.5895



50.4278, 45.1675, 67.0337



11.5733, 11.6288, 14.8783



9.1215, 3.8826, 37.4612



0.5967, 0.2618, 2.0986

Inverse Universe

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



50.1361, 45.2360, 57.1299



74.3889, 64.4162, 84.3223



47.1978, 57.7381, 45.2183



12.1165, 11.9313, 13.8891



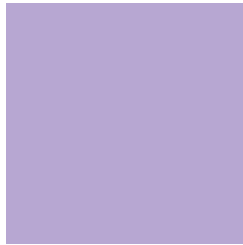
18.7974, 9.3918, 14.3711



1.0887, 0.5402, 1.0020

Previews

White Background



This preview shows how the XYZ color 44.9800, 42.3579, 66.7779 looks on a white background.

Color Contrast Check

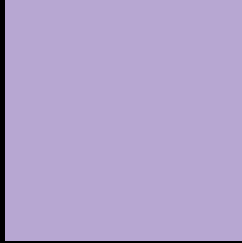
Large Text (above 18pt) WCAG AA × Fail

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 44.9800, 42.3579, 66.7779 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 44.9800, 42.3579, 66.7779

Background



This preview shows how black text looks on a background with the XYZ color 44.9800, 42.3579, 66.7779.



This preview shows how white text looks on a background with the XYZ color 44.9800, 42.3579,

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

44.9800, 42.3579, 66.7779

Protanopia

42.4072, 42.3594, 69.5594

Deuteranopia

43.3389, 42.3516, 66.2121



Tritanopia

41.9103, 42.2123, 51.8378

Trichromacy



Original Color

44.9800, 42.3579, 66.7779

Protanomaly

43.3982, 42.3242, 68.8328

Deuteranomaly

43.8281, 42.3265, 66.1814

Tritanomaly

42.9347, 42.3478, 56.9500

Monochromacy



Original Color

44.9800, 42.3579, 66.7779

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.7193, 43.1450, 54.2204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9800, 42.3579, 66.7779 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(183, 167, 210)` looks like.

```
.text, #text, p{  
    color:rgb(183, 167, 210)  
}
```

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(183, 167, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 167, 210) }
```

Border

The CSS property to change the border of an element to XYZ 44.9800, 42.3579, 66.7779 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(183, 167, 210) }
```


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

```
.border{ border-color:rgb(183, 167, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 167, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 167, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 167, 210);  
box-shadow:4px 4px 4px 4px rgb(183, 167,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9800, 42.3579, 66.7779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 167, 210) }
```

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

```
.background{ background-color: rgb(183,  
167, 210) }
```

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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