

Converting Colors

XYZ(44.7900, 44.1579, 60.5138)

Have a look what the booklet for
XYZ(44.7900, 44.1579, 60.5138)
contains.

XYZ(44.8973, 44.1246, 60.7941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.8973, 44.1246,
60.7941)**

Conversions

Conversions Part 1

Format	Color
Hex	B7ADC8
RGB	183, 173, 200
RGB Percent	72%, 68%, 78%
CMY	0.2823, 0.3216, 0.2157
CMYK	0.08, 0.13, 0.00, 0.22
HSL	262°, 20%, 73%
HSV	262°, 13%, 78%
XYZ	44.8973, 44.1246, 60.7941
YIQ	179.0680, -2.7070, 10.5170

Conversions

Conversions Part 2

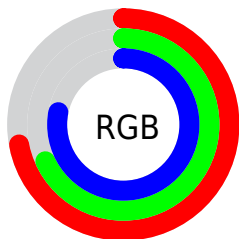
Format	Color
RYB	183, 173, 200
Decimal	12037576
CIELab	72.31, 8.75, -12.43
CIELCh	72, 15.197, 305.141
Yxy	44.1246, 0.2997, 0.2945
Android (android.graphics.Color)	4290227656 (0xFFB7ADC8)
YUV	179.0680, 10.3195, 3.4484
Hunter-Lab	66.4264, 4.4013, -7.7644

Details

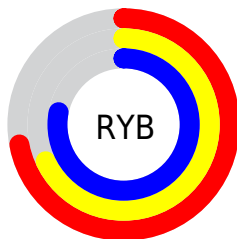
The XYZ color **44.8973, 44.1246, 60.7941** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.4340, 55.2740, 47.6009**, and the grayscale version is **42.8329, 45.0635, 49.0742**.

A 20% lighter version of the original color is **81.3900, 81.0575, 105.9637**, and **21.2316, 20.4959, 30.0312** is the 20% darker color. If you saturate the color by 10%, you get **38.4831, 35.5456, 59.4769**, and if you desaturate by 10%, it is **52.1562, 53.9937, 62.3171**.

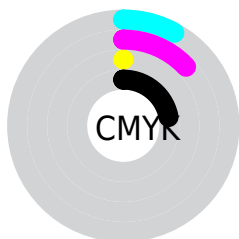
Distribution



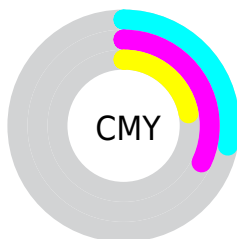
- Red (72%)
- Green (68%)
- Blue (78%)



- Red (72%)
- Yellow (68%)
- Blue (78%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8973, 44.1246, 60.7941 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 44.8973, 44.1246, 60.7941 by changing the saturation by 10% instead.

■ 44.8973, 44.1246,
60.7941

■ 44.8973, 44.1246,
60.7941

357.1482,
363.2165, 445.4043

■ 31.5775, 30.7685,
43.6295

■ 81.8043, 81.4052,
107.5354

■ 21.1930, 20.4226,
30.0443

106.1222,
106.0985, 137.9492

■ 13.3784, 12.7026,
19.6199

134.8368,
135.3396, 173.6165

■ 7.7684, 7.2241,
11.9377

168.3135,
169.5129, 214.9558

■ 3.9977, 3.6026,
6.5793

206.9176,
209.0029, 262.3857

■ 1.7008, 1.4539,
3.1260

251.0145,

■ 0.4568, 0.2559,

254.1939, 316.3247

1.1593

300.9696,
305.4703, 377.1914

■ 0.0000, 0.0000,
0.0000

■ 44.8973, 44.1246,
60.7941

■ 44.8973, 44.1246,
60.7941

■ 38.4831, 35.5456,
59.4769

■ 52.1562, 53.9937,
62.3171

■ 32.8774, 28.1966,
58.3539

■ 60.2866, 65.1984,
64.0513

■ 28.0468, 22.0210,
57.4165

■ 69.3186, 77.7889,
66.0055

■ 23.9539, 16.9557,
56.6545

■ 79.2799, 91.8110,
68.1870

■ 20.5583, 12.9311,
56.0566

■ 84.1815, 95.2779,
68.5979

■ 17.8148, 9.8697,
55.6103

■ 87.4254, 96.9502,
68.7497

■ 15.6724, 7.6826,
55.3011

■ 14.0708, 6.2631,
55.1115

■ 13.2542, 5.6284,
55.0320

Harmonies

Analogous

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



42.3908, 44.1246, 63.8435



44.8973, 44.1246, 60.7941



46.6639, 44.1246, 54.3490

Triad

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



44.8973, 44.1246, 60.7941



44.0864, 44.1246, 36.1378



37.1325, 44.1246, 49.3449

Complementary

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



44.8973, 44.1246, 60.7941



49.4340, 55.2740, 47.6009

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.



37.5446, 44.1246, 42.2469



44.8973, 44.1246, 60.7941



41.4906, 44.1246, 35.0935

Square

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



44.8973, 44.1246, 60.7941



46.1822, 44.1246, 40.2305



39.1138, 44.1246, 37.2145



37.9642, 44.1246, 56.8093

Rectangle

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



44.8973, 44.1246, 60.7941



47.1459, 44.1246, 49.2730



39.1138, 44.1246, 37.2145



37.1306, 44.1246, 46.8360

Sweetspot

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



44.8986, 44.1265, 60.7951



89.5583, 92.4660, 107.7352



46.0956, 49.9262, 61.8514



18.9541, 19.4974, 23.0143



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.



44.8986, 44.1265, 60.7951



74.5588, 72.1232, 104.5992



48.2394, 45.8487, 60.9514



10.4215, 10.4755, 13.3902



8.5186, 3.6257, 34.9952



0.4831, 0.2128, 1.6608

Inverse Universe

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



48.0588, 45.8862, 55.0415



81.0493, 75.7393, 92.7011



46.2392, 53.6270, 47.4514



10.9101, 10.7474, 12.5097



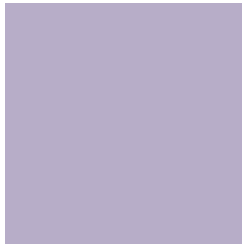
17.5817, 8.7823, 13.5392



0.8666, 0.4295, 0.8208

Previews

White Background



This preview shows how the XYZ color 44.8973, 44.1246, 60.7941 looks on a white background.

Color Contrast Check

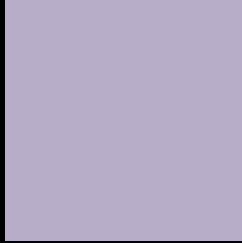
Large Text (above 18pt) WCAG AA × Fail

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 44.8973, 44.1246, 60.7941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

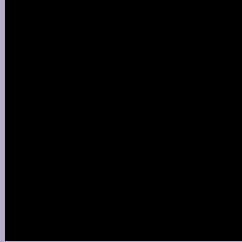
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8973, 44.1246, 60.7941

Background



This preview shows how black text looks on a background with the XYZ color 44.8973, 44.1246, 60.7941.



This preview shows how white text looks on a background with the XYZ color 44.8973, 44.1246,

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

44.8973, 44.1246, 60.7941

Protanopia

43.4196, 44.1992, 62.1200

Deuteranopia

45.1361, 44.2476, 60.8053



Tritanopia

43.5713, 44.1578, 54.3710

Trichromacy



Original Color

44.8973, 44.1246, 60.7941

Protanomaly

44.0040, 44.2241, 61.4752

Deuteranomaly

45.1361, 44.2476, 60.8053

Tritanomaly

44.0531, 44.0674, 56.6361

Monochromacy



Original Color

44.8973, 44.1246, 60.7941

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.5142, 44.7354, 53.3551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8973, 44.1246, 60.7941 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, 173, 200)` looks like.

```
.text, #text, p{  
    color:rgb(183, 173, 200)  
}
```

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, 173, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 173, 200) }
```

Border

The CSS property to change the border of an element to XYZ 44.8973, 44.1246, 60.7941 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, 173, 200) }
```


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

```
.border{ border-color:rgb(183, 173, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 173, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 173, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 173, 200);  
box-shadow:4px 4px 4px 4px rgb(183, 173,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8973, 44.1246, 60.7941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 173, 200) }
```

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

```
.background{ background-color: rgb(183,  
173, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor