

Converting Colors

XYZ(44.7999, 40.9883, 63.9428)

Have a look what the booklet for
XYZ(44.7999, 40.9883, 63.9428)
contains.

XYZ(44.7999, 40.9883, 63.9428)	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(44.7999, 40.9883,
63.9428)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA2CE
RGB	188, 162, 206
RGB Percent	74%, 64%, 81%
CMY	0.2627, 0.3647, 0.1922
CMYK	0.09, 0.21, 0.00, 0.19
HSL	275°, 31%, 72%
HSV	275°, 21%, 81%
XYZ	44.7999, 40.9883, 63.9428
YIQ	174.7900, 1.3720, 19.1960

Conversions

Conversions Part 2

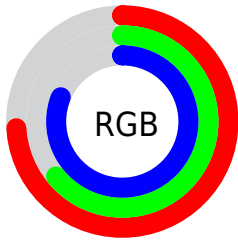
Format	Color
RYB	188, 162, 206
Decimal	12362446
CIELab	70.17, 17.71, -18.92
CIElCh	70, 25.913, 313.104
Yxy	40.9883, 0.2992, 0.2737
Android (android.graphics.Color)	4290552526 (0xFFBCA2CE)
YUV	174.7900, 15.3865, 11.5852
Hunter-Lab	64.0221, 12.8679, -14.4011

Details

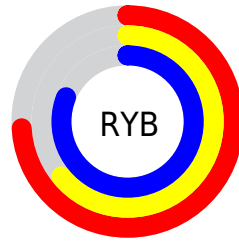
The XYZ color **44.7999, 40.9883, 63.9428** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.4168, 56.4556, 42.5824**, and the grayscale version is **40.5626, 42.6751, 46.4731**.

A 20% lighter version of the original color is **80.1711, 76.0788, 105.0669**, and **21.0749, 18.4872, 32.1634** is the 20% darker color. If you saturate the color by 10%, you get **39.4486, 33.2777, 62.7372**, and if you desaturate by 10%, it is **50.8695, 49.9537, 65.3540**.

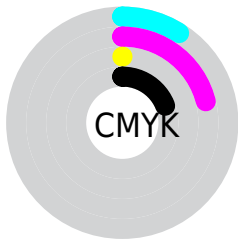
Distribution



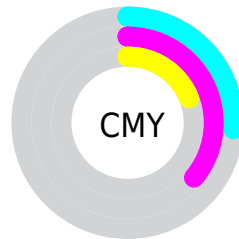
- Red (74%)
- Green (64%)
- Blue (81%)



- Red (74%)
- Yellow (64%)
- Blue (81%)



- Cyan (9%)
- Magenta (21%)
- Yellow (0%)
- Black (19%)



- Cyan (26%)
- Magenta (36%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7999, 40.9883, 63.9428 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 44.7999, 40.9883, 63.9428 by changing the saturation by 10% instead.

■ 44.7999, 40.9883,
63.9428

■ 44.7999, 40.9883,
63.9428

356.7599,
350.2717, 457.1848

■ 31.5004, 28.3099,
46.1585

■ 81.6590, 76.6661,
112.1272

■ 21.1339, 18.5594,
32.0213

■ 105.9493,
100.4344, 143.3644

■ 13.3349, 11.3524,
21.1128

134.6340,
128.6681, 179.9229

■ 7.7382, 6.3044,
13.0145

168.0784,
161.7516, 222.2214

■ 3.9783, 3.0310,
7.3077

206.6478,
200.0693, 270.6782

■ 1.6898, 1.1480,
3.5739

250.7076,

■ 0.4499, 0.0186,

244.0056, 325.7121

1.3946

300.6232,
293.9450, 387.7414

■ 0.0000, 0.0000,
0.1375

■ 0.0000, 0.0000,
0.0000

■ 44.7999, 40.9883,
63.9428

■ 44.7999, 40.9883,
63.9428

■ 39.4486, 33.2777,
62.7372

■ 50.8695, 49.9537,
65.3540

■ 34.7807, 26.7578,
61.7247

■ 57.6824, 60.2237,
66.9773

■ 30.7641, 21.3666,
60.8958

■ 65.2671, 71.8514,
68.8219

■ 27.3622, 17.0343,
60.2389

■ 73.6495, 84.8858,
70.8960

■ 24.5345, 13.6830,
59.7411

■ 79.5788, 92.8225,
72.1154

■ 22.2347, 11.2236,
59.3876

■ 82.3516, 94.2519,
72.2452

■ 20.4081, 9.5502,
59.1609

■ 85.2570, 95.7497,
72.3811

■ 19.1276, 8.5737,
59.0399

■ 88.1407, 97.2363,
72.5161

Harmonies

Analogous

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



40.8362, 40.9883, 71.4564



44.7999, 40.9883, 63.9428



47.2927, 40.9883, 51.7662

Triad

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



44.7999, 40.9883, 63.9428



41.3764, 40.9883, 25.8063



31.5438, 40.9883, 50.1360

Complementary

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



44.7999, 40.9883, 63.9428



47.4168, 56.4556, 42.5824

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.



31.6653, 40.9883, 38.1805



44.7999, 40.9883, 63.9428



37.1385, 40.9883, 25.5297

Square

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



44.7999, 40.9883, 63.9428



45.2200, 40.9883, 30.4981



33.6477, 40.9883, 29.6583



33.3029, 40.9883, 62.5642

Rectangle

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



44.7999, 40.9883, 63.9428



47.6807, 40.9883, 43.3766



33.6477, 40.9883, 29.6583



31.3701, 40.9883, 45.9058

Sweetspot

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



44.8012, 40.9900, 63.9437



88.0963, 89.4558, 107.2313



42.4311, 44.9166, 64.8265



18.7001, 18.9119, 22.9147



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.



44.8012, 40.9900, 63.9437



68.1386, 59.9599, 102.5899



49.0753, 43.2443, 61.8455



11.2265, 11.1661, 14.1339



11.8905, 5.3373, 36.3598



0.6982, 0.3190, 1.8797

Inverse Universe

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



46.6136, 42.2596, 48.8823



71.7451, 62.4750, 73.1242



43.8255, 54.5660, 44.1407



11.3994, 11.2885, 12.6379



16.7111, 8.4950, 6.1975



0.8995, 0.4532, 0.5166

Previews

White Background



This preview shows how the XYZ color 44.7999, 40.9883, 63.9428 looks on a white background.

Color Contrast Check

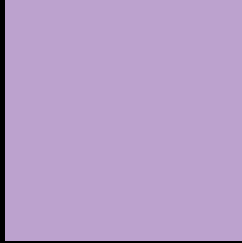
Large Text (above 18pt) WCAG AA × Fail

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 44.7999, 40.9883, 63.9428 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 44.7999, 40.9883, 63.9428

Background



This preview shows how black text looks on a background with the XYZ color 44.7999, 40.9883, 63.9428.



This preview shows how white text looks on a background with the XYZ color 44.7999, 40.9883,

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

44.7999, 40.9883, 63.9428

Protanopia

41.0329, 41.1340, 67.4050

Deuteranopia

42.0353, 41.1837, 63.4914



Tritanopia

41.8241, 41.1231, 48.9132

Trichromacy



Original Color

44.7999, 40.9883, 63.9428

Protanomaly

42.1219, 40.8988, 65.9958

Deuteranomaly

43.0158, 41.1452, 63.4322

Tritanomaly

42.6480, 40.8987, 53.7906

Monochromacy



Original Color

44.7999, 40.9883, 63.9428

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.0600, 41.9979, 52.3440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7999, 40.9883, 63.9428 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, 162, 206)` looks like.

```
.text, #text, p{  
    color:rgb(188, 162, 206)  
}
```

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, 162, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 162, 206) }
```

Border

The CSS property to change the border of an element to XYZ 44.7999, 40.9883, 63.9428 is called "border". The border property can be set on classes, ids or directly on the HTML element.

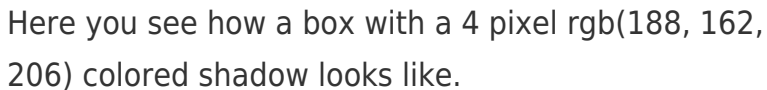
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 162, 206) }
```


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

```
.border{ border-color:rgb(188, 162, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 162, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 162, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 162, 206);  
box-shadow:4px 4px 4px 4px rgb(188, 162,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7999, 40.9883, 63.9428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 162, 206) }
```

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

```
.background{ background-color: rgb(188,  
162, 206) }
```

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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