

Converting Colors

XYZ(44.8060, 40.2607, 58.9821)

Have a look what the booklet for
XYZ(44.8060, 40.2607, 58.9821)
contains.

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Color

**XYZ(44.8393, 40.3428,
58.8497)**

Conversions

Conversions Part 1

Format	Color
Hex	C29FC6
RGB	194, 159, 198
RGB Percent	76%, 62%, 78%
CMY	0.2392, 0.3765, 0.2235
CMYK	0.02, 0.20, 0.00, 0.22
HSL	294°, 25%, 70%
HSV	294°, 20%, 78%
XYZ	44.8393, 40.3428, 58.8497
YIQ	173.9110, 8.3410, 19.5490

Conversions

Conversions Part 2

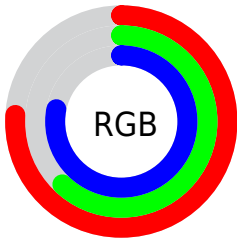
Format	Color
RYB	194, 159, 198
Decimal	12754886
CIELab	69.71, 19.78, -15.13
CIElCh	70, 24.906, 322.583
Yxy	40.3428, 0.3113, 0.2801
Android (android.graphics.Color)	4290944966 (0xFFC29FC6)
YUV	173.9110, 11.8759, 17.6181
Hunter-Lab	63.5160, 14.8596, -10.4730

Details

The XYZ color **44.8393, 40.3428, 58.8497** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.5577, 50.6789, 40.3945**, and the grayscale version is **40.1254, 42.2151, 45.9722**.

A 20% lighter version of the original color is **81.8802, 75.8224, 104.9274**, and **21.1070, 18.1045, 28.7676** is the 20% darker color. If you saturate the color by 10%, you get **41.1862, 33.8043, 57.7808**, and if you desaturate by 10%, it is **49.0474, 47.9792, 60.1025**.

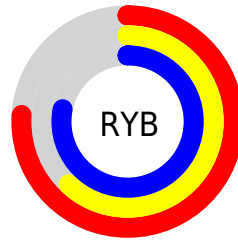
Distribution



Red (76%)

Green (62%)

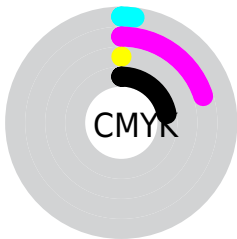
Blue (78%)



Red (76%)

Yellow (62%)

Blue (78%)

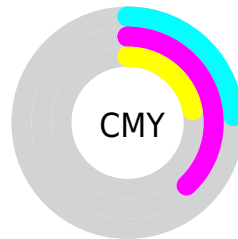


Cyan (2%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (24%)


Magenta (38%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.8393, 40.3428, 58.8497 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 44.8393, 40.3428, 58.8497 by changing the saturation by 10% instead.


 44.8393, 40.3428,
58.8497


 44.8393, 40.3428,
58.8497


356.9170,
347.5663, 438.0311

 31.5316, 27.8059,
42.0729


 81.7178, 75.6852,
104.6862

 21.1578, 18.1794,
28.8324


 106.0192, 99.2596,
134.5829

 13.3525, 11.0789,
18.7096


134.7160,
127.2819, 169.6901

 7.7504, 6.1199,
11.2859

168.1735,
160.1365, 210.4262

 3.9861, 2.9181,
6.1429

206.7569,
198.2079, 257.2098

 1.6943, 1.0891,
2.8620

250.8318,

 0.4527, 0.0000,

241.8804, 310.4595

1.0246

300.7633,
291.5384, 370.5937

■ 0.0000, 0.0000,
0.0000

■ 44.8393, 40.3428,
58.8497

■ 44.8393, 40.3428,
58.8497

■ 41.1862, 33.8043,
57.7808

■ 49.0474, 47.9792,
60.1025

■ 38.0584, 28.3067,
56.8845

■ 53.8310, 56.7567,
61.5446

■ 35.4291, 23.7957,
56.1524

■ 59.2140, 66.7224,
63.1845

■ 33.2677, 20.2098,
55.5741

■ 65.2181, 77.9195,
65.0293

■ 31.5399, 17.4809,
55.1385

■ 70.8975, 88.4565,
66.7638

■ 30.2071, 15.5314,
54.8324

■ 71.4583, 88.7457,
66.7900

■ 29.2232, 14.2696,
54.6407

■ 72.0265, 89.0386,
66.8166

■ 28.5038, 13.5265,
54.5352

■ 72.6019, 89.3352,
66.8435

■ 28.4831, 13.5060,
54.5324

■ 73.1847, 89.6356,
66.8708

Harmonies

Analogous

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



41.4004, 40.3428, 67.7887



44.8393, 40.3428, 58.8497



46.5599, 40.3428, 46.8561

Triad

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



44.8393, 40.3428, 58.8497



39.3544, 40.3428, 25.3789



31.6210, 40.3428, 53.0190

Complementary

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



44.8393, 40.3428, 58.8497



41.5577, 50.6789, 40.3945

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.



31.1574, 40.3428, 41.1215



44.8393, 40.3428, 58.8497



35.4431, 40.3428, 26.4459

Square

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



44.8393, 40.3428, 58.8497



43.2521, 40.3428, 28.5431



32.5095, 40.3428, 31.7668



33.8232, 40.3428, 64.0318

Rectangle

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



44.8393, 40.3428, 58.8497



46.4219, 40.3428, 39.2636



32.5095, 40.3428, 31.7668



31.2632, 40.3428, 48.9446

Sweetspot

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



44.8405, 40.3445, 58.8506



89.7869, 90.3273, 107.3104



37.6879, 37.8402, 58.7442



19.1005, 19.1183, 22.9334



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.



44.8405, 40.3445, 58.8506



76.2656, 65.8035, 103.2895



44.2405, 40.2247, 50.2607



10.9718, 10.7592, 13.4160



18.5652, 8.8049, 35.4654



0.9107, 0.4332, 1.6808

Inverse Universe

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



42.2990, 39.4481, 40.0370



70.9216, 63.9283, 63.2920



42.1286, 50.8141, 47.6081



10.6773, 10.6543, 11.2842



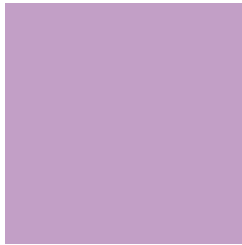
15.2444, 7.8473, 1.2308



0.7372, 0.3777, 0.1392

Previews

White Background



This preview shows how the XYZ color 44.8393, 40.3428, 58.8497 looks on a white background.

Color Contrast Check

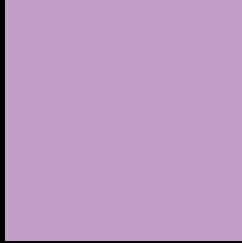
Large Text (above 18pt) WCAG AA × Fail

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 44.8393, 40.3428, 58.8497 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 44.8393, 40.3428, 58.8497

Background



This preview shows how black text looks on a background with the XYZ color 44.8393, 40.3428, 58.8497.



This preview shows how white text looks on a background with the XYZ color 44.8393, 40.3428,

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

44.8393, 40.3428, 58.8497

Protanopia

40.3117, 40.5702, 63.4638

Deuteranopia

41.3935, 40.4176, 58.4430



Tritanopia

42.4195, 40.4053, 46.6376

Trichromacy



Original Color

44.8393, 40.3428, 58.8497

Protanomaly

41.5714, 40.1732, 61.4403

Deuteranomaly

42.4666, 40.1707, 58.3388

Tritanomaly

43.3103, 40.5078, 50.8835

Monochromacy



Original Color

44.8393, 40.3428, 58.8497

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.7913, 41.6186, 50.6303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8393, 40.3428, 58.8497 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(194, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 198)  
}
```

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(194, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 198) }
```

Border

The CSS property to change the border of an element to XYZ 44.8393, 40.3428, 58.8497 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(194, 159, 198) }
```


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

```
.border{ border-color:rgb(194, 159, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 198);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8393, 40.3428, 58.8497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 198) }
```

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

```
.background{ background-color: rgb(194,  
159, 198) }
```

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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