

Converting Colors

XYZ(44.4445, 39.9322, 57.7989)

Have a look what the booklet for
XYZ(44.4445, 39.9322, 57.7989)
contains.

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Color

**XYZ(44.4388, 39.9086,
57.5855)**

Conversions

Conversions Part 1

Format	Color
Hex	C29EC4
RGB	194, 158, 196
RGB Percent	76%, 62%, 77%
CMY	0.2392, 0.3804, 0.2314
CMYK	0.01, 0.19, 0.00, 0.23
HSL	297°, 24%, 69%
HSV	297°, 19%, 77%
XYZ	44.4388, 39.9086, 57.5855
YIQ	173.0960, 9.2580, 19.4500

Conversions

Conversions Part 2

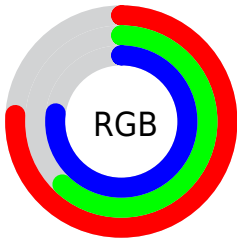
Format	Color
RYB	194, 158, 196
Decimal	12754628
CIELab	69.40, 19.95, -14.49
CIELCh	69, 24.656, 324.007
Yxy	39.9086, 0.3131, 0.2812
Android (android.graphics.Color)	4290944708 (0xFFC29EC4)
YUV	173.0960, 11.2917, 18.3328
Hunter-Lab	63.1733, 15.0114, -9.8244

Details

The XYZ color **44.4388, 39.9086, 57.5855** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.4101, 49.4231, 39.7596**, and the grayscale version is **39.7114, 41.7795, 45.4978**.

A 20% lighter version of the original color is **81.3075, 75.1896, 103.1562**, and **20.8517, 17.8365, 27.9350** is the 20% darker color. If you saturate the color by 10%, you get **41.0951, 33.6123, 56.5470**, and if you desaturate by 10%, it is **48.3199, 47.2757, 58.8035**.

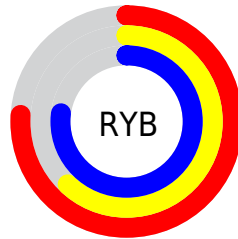
Distribution



Red (76%)

Green (62%)

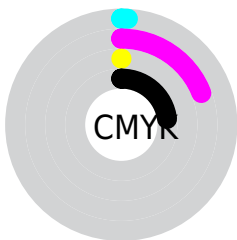
Blue (77%)



Red (76%)

Yellow (62%)

Blue (77%)

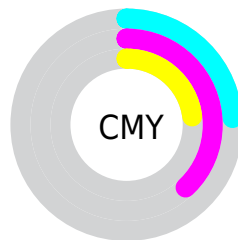


Cyan (1%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (24%)

Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4388, 39.9086, 57.5855 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 44.4388, 39.9086, 57.5855 by changing the saturation by 10% instead.

■ 44.4388, 39.9086,
57.5855

■ 44.4388, 39.9086,
57.5855

355.3180,
345.7382, 433.1947

■ 31.2150, 27.4673,
41.0630

■ 81.1199, 75.0243,
102.8278

■ 20.9153, 17.9245,
28.0483

■ 105.3079, 98.4675,
132.3847

■ 13.1742, 10.8958,
18.1227

133.8814,
126.3468, 167.1235

■ 7.6264, 5.9968,
10.8677

167.2056,
159.0465, 207.4627

■ 3.9066, 2.8431,
5.8649

205.6461,
196.9511, 253.8209

■ 1.6494, 1.0504,
2.6957

249.5681,

■ 0.4243, 0.0000,

240.4450, 306.6166

0.9412

299.3369,
289.9126, 366.2683

■ 0.0000, 0.0000,
0.0000

■ 44.4388, 39.9086,
57.5855

■ 44.4388, 39.9086,
57.5855

■ 41.0951, 33.6123,
56.5470

■ 48.3199, 47.2757,
58.8035

■ 38.2601, 28.3311,
55.6771

■ 52.7584, 55.7555,
60.2064

■ 35.9075, 24.0123,
54.9674

■ 57.7776, 65.3940,
61.8022

■ 34.0077, 20.5962,
54.4082

■ 63.3984, 76.2330,
63.5981

■ 32.5275, 18.0165,
53.9883

■ 69.3193, 87.6694,
65.4935

■ 31.4292, 16.1980,
53.6952

■ 69.5942, 87.8112,
65.5064

■ 30.6684, 15.0519,
53.5140

■ 69.8710, 87.9539,
65.5193

■ 30.1658, 14.4194,
53.4184

■ 70.1497, 88.0975,
65.5324

■ 30.1373, 14.3853,
53.4134

■ 70.4302, 88.2421,
65.5455

Harmonies

Analogous

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



41.1181, 39.9086, 66.5990



44.4388, 39.9086, 57.5855



46.0281, 39.9086, 45.7728

Triad

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



44.4388, 39.9086, 57.5855



38.7333, 39.9086, 25.1593



31.3868, 39.9086, 52.9531

Complementary

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



44.4388, 39.9086, 57.5855



40.4101, 49.4231, 39.7596

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.



30.8456, 39.9086, 41.2143



44.4388, 39.9086, 57.5855



34.9148, 39.9086, 26.4083

Square

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



44.4388, 39.9086, 57.5855



42.5897, 39.9086, 28.0774



32.0934, 39.9086, 31.8465



33.6267, 39.9086, 63.6152

Rectangle

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



44.4388, 39.9086, 57.5855



45.8180, 39.9086, 38.3816



32.0934, 39.9086, 31.8465



31.0070, 39.9086, 48.9540

Sweetspot

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



44.4400, 39.9103, 57.5864



90.0662, 90.4713, 107.3234



36.7296, 36.5835, 57.3506



19.1667, 19.1524, 22.9365



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.



44.4400, 39.9103, 57.5864



77.9825, 67.5372, 103.5336



43.1838, 39.4676, 48.2745



10.4432, 10.2197, 12.7070



19.3877, 9.2551, 34.3212



0.8540, 0.4083, 1.4837

Inverse Universe

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



41.3384, 38.7294, 38.5564



71.4186, 65.0418, 63.0892



41.5275, 49.8242, 47.7132



10.0942, 10.0863, 10.5866



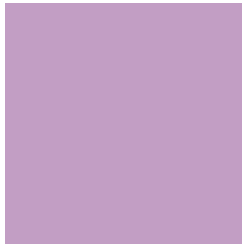
14.6738, 7.5593, 0.9285



0.6416, 0.3296, 0.0799

Previews

White Background



This preview shows how the XYZ color 44.4388, 39.9086, 57.5855 looks on a white background.

Color Contrast Check

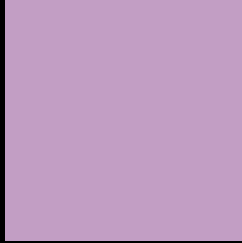
Large Text (above 18pt) WCAG AA × Fail

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 44.4388, 39.9086, 57.5855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

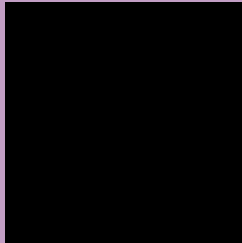
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4388, 39.9086, 57.5855

Background



This preview shows how black text looks on a background with the XYZ color 44.4388, 39.9086, 57.5855.



This preview shows how white text looks on a background with the XYZ color 44.4388, 39.9086,

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

44.4388, 39.9086, 57.5855

Protanopia

39.6824, 39.9984, 62.1289

Deuteranopia

40.7610, 39.8491, 57.1731



Tritanopia

42.0462, 39.9730, 45.5439

Trichromacy



Original Color

44.4388, 39.9086, 57.5855

Protanomaly

41.1563, 39.7197, 60.1411

Deuteranomaly

41.8267, 39.6045, 57.0697

Tritanomaly

42.9266, 40.0736, 49.7285

Monochromacy



Original Color

44.4388, 39.9086, 57.5855

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.3992, 41.1652, 49.4798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4388, 39.9086, 57.5855 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, 158, 196)` looks like.

```
.text, #text, p{  
    color:rgb(194, 158, 196)  
}
```

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, 158, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 158, 196) }
```

Border

The CSS property to change the border of an element to XYZ 44.4388, 39.9086, 57.5855 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, 158, 196) }
```


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

```
.border{ border-color:rgb(194, 158, 196) }
```

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

Here you see how a box with a 4 pixel rgb(194, 158, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 158, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 158, 196);  
box-shadow:4px 4px 4px 4px rgb(194, 158,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4388, 39.9086, 57.5855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 158, 196) }
```

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

```
.background{ background-color: rgb(194,  
158, 196) }
```

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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