

Converting Colors

XYZ(44.3833, 39.6274, 59.8307)

Have a look what the booklet for
XYZ(44.3833, 39.6274, 59.8307)
contains.

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Color

**XYZ(44.4746, 39.6215,
59.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	C19DC8
RGB	193, 157, 200
RGB Percent	76%, 62%, 78%
CMY	0.2431, 0.3843, 0.2157
CMYK	0.03, 0.21, 0.00, 0.22
HSL	290°, 28%, 70%
HSV	290°, 21%, 78%
XYZ	44.4746, 39.6215, 59.9472
YIQ	172.6660, 7.6530, 21.0050

Conversions

Conversions Part 2

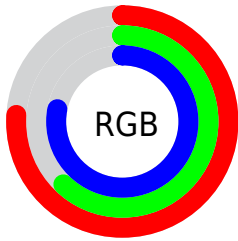
Format	Color
RYB	193, 157, 200
Decimal	12688840
CIELab	69.20, 20.94, -17.03
CIELCh	69, 26.986, 320.884
Yxy	39.6215, 0.3088, 0.2751
Android (android.graphics.Color)	4290878920 (0xFFC19DC8)
YUV	172.6660, 13.4757, 17.8329
Hunter-Lab	62.9456, 15.9654, -12.4038

Details

The XYZ color **44.4746, 39.6215, 59.9472** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.0513, 51.6364, 39.6507**, and the grayscale version is **39.4824, 41.5385, 45.2355**.

A 20% lighter version of the original color is **81.0178, 74.6310, 104.7429**, and **20.8873, 17.6674, 29.5034** is the 20% darker color. If you saturate the color by 10%, you get **40.5434, 32.9771, 58.8725**, and if you desaturate by 10%, it is **48.9804, 47.3865, 61.2091**.

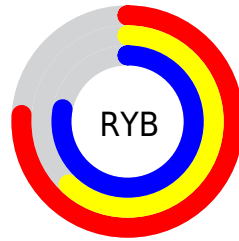
Distribution



Red (76%)

Green (62%)

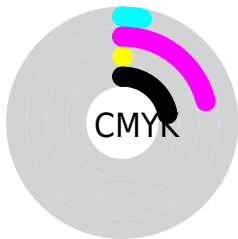
Blue (78%)



Red (76%)

Yellow (62%)

Blue (78%)

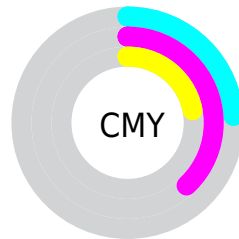


Cyan (3%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (24%)


Magenta (38%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4746, 39.6215, 59.9472 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 44.4746, 39.6215, 59.9472 by changing the saturation by 10% instead.


 44.4746, 39.6215,
59.9472


 44.4746, 39.6215,
59.9472


355.4611,
344.5257, 442.2024

 31.2433, 27.2436,
42.9511


 81.1734, 74.5868,
106.2957

 20.9369, 17.7562,
29.5156


 105.3715, 97.9430,
136.4851

 13.1901, 10.7751,
19.2223


133.9560,
125.7273, 171.9094

 7.6375, 5.9158,
11.6526

167.2922,
158.3242, 212.9871

 3.9137, 2.7940,
6.3879

205.7455,
196.1181, 260.1366

 1.6534, 1.0251,
3.0098

249.6811,

 0.4269, 0.0000,

239.4934, 313.7767

1.0996

299.4646,
288.8344, 374.3258

■ 0.0000, 0.0000,
0.0000

■ 44.4746, 39.6215,
59.9472

■ 44.4746, 39.6215,
59.9472

■ 40.5434, 32.9771,
58.8725

■ 48.9804, 47.3865,
61.2091

■ 37.1561, 27.3943,
57.9734

■ 54.0823, 56.3171,
62.6640

■ 34.2846, 22.8163,
57.2411

■ 59.8052, 66.4623,
64.3206

■ 31.8969, 19.1791,
56.6649

■ 66.1714, 77.8666,
66.1863

■ 29.9570, 16.4113,
56.2329

■ 72.5594, 89.2865,
68.0539

■ 28.4240, 14.4311,
55.9315

■ 73.4917, 89.7671,
68.0975

■ 27.2491, 13.1407,
55.7444

■ 74.4430, 90.2575,
68.1420

■ 26.4555, 12.4340,
55.6498

■ 75.4133, 90.7577,
68.1874

■ 76.4028, 91.2678,
68.2337

Harmonies

Analogous

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



40.6968, 39.6215, 69.3866



44.4746, 39.6215, 59.9472



46.4654, 39.6215, 47.0188

Triad

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



44.4746, 39.6215, 59.9472



38.9897, 39.6215, 23.6658



30.4228, 39.6215, 52.1841

Complementary

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



44.4746, 39.6215, 59.9472



42.0513, 51.6364, 39.6507

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.



30.0422, 39.6215, 39.4827



44.4746, 39.6215, 59.9472



34.7764, 39.6215, 24.5214

Square

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



44.4746, 39.6215, 59.9472



43.1433, 39.6215, 27.1981



31.5780, 39.6215, 29.8121



32.6604, 39.6215, 64.3429

Rectangle

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



44.4746, 39.6215, 59.9472



46.4142, 39.6215, 38.8055



31.5780, 39.6215, 29.8121



30.0805, 39.6215, 47.7881

Sweetspot

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



44.4758, 39.6232, 59.9481



89.4514, 90.1543, 107.2947



37.6369, 37.9506, 59.9857



19.0209, 19.0773, 22.9297



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.



44.4758, 39.6232, 59.9481



73.5632, 62.7564, 102.8437



44.7051, 39.9260, 51.6202



10.9071, 10.7259, 13.4129



16.8852, 7.9389, 35.3868



0.8460, 0.3999, 1.6777

Inverse Universe

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



42.5785, 39.0753, 40.4219



69.7393, 61.6727, 62.5618



41.9428, 51.4306, 46.4129



10.7031, 10.6646, 11.4200



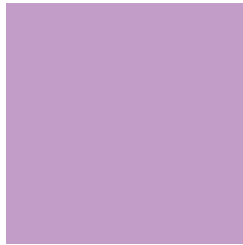
15.3381, 7.8848, 1.7244



0.7490, 0.3824, 0.2012

Previews

White Background



This preview shows how the XYZ color 44.4746, 39.6215, 59.9472 looks on a white background.

Color Contrast Check

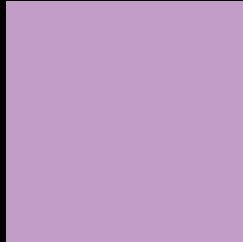
Large Text (above 18pt) WCAG AA × Fail

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 44.4746, 39.6215, 59.9472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

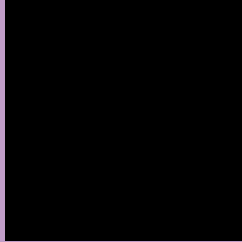
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4746, 39.6215, 59.9472

Background



This preview shows how black text looks on a background with the XYZ color 44.4746, 39.6215, 59.9472.



This preview shows how white text looks on a background with the XYZ color 44.4746, 39.6215,

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

44.4746, 39.6215, 59.9472

Protanopia

39.7623, 39.9838, 64.6534

Deuteranopia

40.4428, 39.6454, 58.9468



Tritanopia

41.5466, 39.7155, 45.5205

Trichromacy



Original Color

44.4746, 39.6215, 59.9472

Protanomaly

41.1878, 39.6812, 62.6151

Deuteranomaly

41.8195, 39.5479, 59.4622

Tritanomaly

42.3533, 39.5077, 50.1932

Monochromacy



Original Color

44.4746, 39.6215, 59.9472

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.1884, 40.7596, 50.4963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4746, 39.6215, 59.9472 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(193, 157, 200)` looks like.

```
.text, #text, p{  
    color:rgb(193, 157, 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(193, 157, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 157, 200) }
```

Border

The CSS property to change the border of an element to XYZ 44.4746, 39.6215, 59.9472 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(193, 157, 200) }
```


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

```
.border{ border-color:rgb(193, 157, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 157, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 157, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 157, 200);  
box-shadow:4px 4px 4px 4px rgb(193, 157,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4746, 39.6215, 59.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 157, 200) }
```

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

```
.background{ background-color: rgb(193,  
157, 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](#).

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