

Converting Colors

XYZ(39.4768, 29.8288, 52.8921)

Have a look what the booklet for
XYZ(39.4768, 29.8288, 52.8921)
contains.

XYZ(39.5129, 29.7978, 52.9592)	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(39.5129, 29.7978,
52.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	C57BBF
RGB	197, 123, 191
RGB Percent	77%, 48%, 75%
CMY	0.2274, 0.5176, 0.2510
CMYK	0.00, 0.38, 0.03, 0.23
HSL	305°, 39%, 63%
HSV	305°, 38%, 77%
XYZ	39.5129, 29.7978, 52.9592
YIQ	152.8780, 22.2760, 36.8360

Conversions

Conversions Part 2

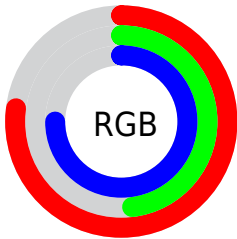
Format	Color
RYB	197, 123, 191
Decimal	12942271
CIELab	61.48, 39.20, -23.70
CIELCh	61, 45.812, 328.845
Yxy	29.7978, 0.3232, 0.2437
Android (android.graphics.Color)	4291132351 (0xFFC57BBF)
YUV	152.8780, 18.7941, 38.6950
Hunter-Lab	54.5874, 33.6788, -19.3104

Details

The XYZ color **39.5129, 29.7978, 52.9592** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.0983, 45.7295, 27.9055**, and the grayscale version is **30.1402, 31.7098, 34.5320**.

A 20% lighter version of the original color is **73.9054, 59.4816, 96.3928**, and **17.9881, 12.1917, 25.0721** is the 20% darker color. If you saturate the color by 10%, you get **37.1360, 25.3233, 51.3045**, and if you desaturate by 10%, it is **42.3853, 35.2592, 54.7892**.

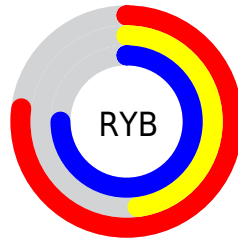
Distribution



Red (77%)

Green (48%)

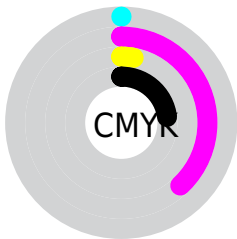
Blue (75%)



Red (77%)

Yellow (48%)

Blue (75%)

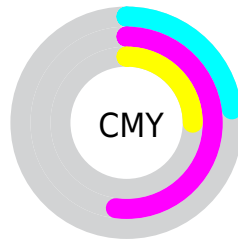


Cyan (0%)

Magenta (38%)

Yellow (3%)

Black (23%)



Cyan (23%)


Magenta (52%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5129, 29.7978, 52.9592 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 39.5129, 29.7978, 52.9592 by changing the saturation by 10% instead.


 39.5129, 29.7978,
52.9592

 39.5129, 29.7978,
52.9592

335.2360,
300.9608, 415.1904


 27.3415, 19.6852,
37.3827


 73.7103, 59.3423,
95.9853

 17.9678, 12.1664,
25.2058


 96.4669, 79.5429,
124.2719

 11.0264, 6.8571,
16.0101


 123.4827,
103.8749, 157.6324

 6.1520, 3.3729,
9.3768

155.1230,
132.7229, 196.4851

 2.9793, 1.3294,
4.8876

191.7531,
166.4710, 241.2488

 1.1428, 0.1638,
2.1239

233.7384,

 0.0605, 0.0000,

205.5038, 292.3419

0.6299

281.4442,
250.2056, 350.1829

■ 0.0000, 0.0000,
0.0000

■ 39.5129, 29.7978,
52.9592

■ 39.5129, 29.7978,
52.9592

■ 37.1360, 25.3233,
51.3045

■ 42.3853, 35.2592,
54.7892

■ 35.2221, 21.7723,
49.8132

■ 45.7777, 41.7578,
56.8016

■ 33.7394, 19.0805,
48.4751

■ 49.7160, 49.3455,
59.0056

■ 32.6505, 17.1734,
47.2776

■ 54.2240, 58.0692,
61.4090

■ 31.9120, 15.9642,
46.2063

■ 59.3238, 67.9735,
64.0193

■ 31.4616, 15.3281,
45.2403

■ 65.0363, 79.1002,
66.8434

■ 31.3695, 15.2078,
45.0121

■ 69.4687, 87.6635,
69.2504

■ 69.6591, 87.7396,
70.2531

■ 69.8515, 87.8166,
71.2662

Harmonies

Analogous

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



34.3253, 29.7978, 71.3456



39.5129, 29.7978, 52.9592



41.6461, 29.7978, 33.1223

Triad

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



39.5129, 29.7978, 52.9592



28.5575, 29.7978, 9.2065



19.2903, 29.7978, 51.3599

Complementary

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



39.5129, 29.7978, 52.9592



32.0983, 45.7295, 27.9055

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.



18.1941, 29.7978, 31.7765



39.5129, 29.7978, 52.9592



23.0628, 29.7978, 11.1099

Square

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



39.5129, 29.7978, 52.9592



34.7899, 29.7978, 11.4425



19.4727, 29.7978, 18.0582



22.7098, 29.7978, 70.2138

Rectangle

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



39.5129, 29.7978, 52.9592



40.8464, 29.7978, 22.8130



19.4727, 29.7978, 18.0582



18.6614, 29.7978, 44.4652

Sweetspot

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



39.5139, 29.7991, 52.9598



86.3813, 83.2452, 104.2144



26.0544, 22.7826, 55.8484



18.2793, 17.4134, 22.1891



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.



39.5139, 29.7991, 52.9598



67.2424, 46.7244, 92.4179



36.0321, 28.4064, 34.6250



11.0446, 10.8012, 13.2180



20.6475, 10.0086, 29.6833



0.9889, 0.4784, 1.4648

Inverse Universe

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



39.5139, 29.7991, 52.9598



67.2424, 46.7244, 92.4179



34.9213, 46.8587, 42.7709



11.0446, 10.8012, 13.2180



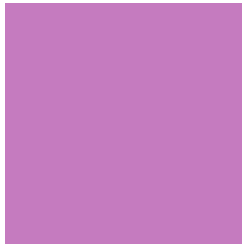
20.6475, 10.0086, 29.6833



0.9889, 0.4784, 1.4648

Previews

White Background



This preview shows how the XYZ color 39.5129, 29.7978, 52.9592 looks on a white background.

Color Contrast Check

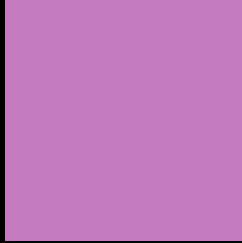
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5129, 29.7978, 52.9592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

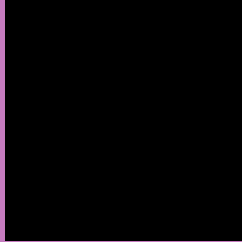
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5129, 29.7978, 52.9592

Background



This preview shows how black text looks on a background with the XYZ color 39.5129, 29.7978, 52.9592.



This preview shows how white text looks on a background with the XYZ color 39.5129, 29.7978,

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

39.5129, 29.7978, 52.9592

Protanopia

31.1483, 30.2167, 64.5123

Deuteranopia

30.7501, 30.0749, 51.1980



Tritanopia

34.8313, 29.8346, 29.9094

Trichromacy



Original Color

39.5129, 29.7978, 52.9592

Protanomaly

33.0756, 29.3113, 59.7915

Deuteranomaly

33.2698, 29.5943, 51.5357

Tritanomaly

36.1877, 29.5760, 37.0591

Monochromacy



Original Color

39.5129, 29.7978, 52.9592

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.0102, 30.5710, 40.7202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5129, 29.7978, 52.9592 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(197, 123, 191)` looks like.

```
.text, #text, p{  
    color:rgb(197, 123, 191)  
}
```

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(197, 123, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 123, 191) }
```

Border

The CSS property to change the border of an element to XYZ 39.5129, 29.7978, 52.9592 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(197, 123, 191) }
```


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

```
.border{ border-color:rgb(197, 123, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 123, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 123, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 123, 191);  
box-shadow:4px 4px 4px 4px rgb(197, 123,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5129, 29.7978, 52.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 123, 191) }
```

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

```
.background{ background-color: rgb(197,  
123, 191) }
```

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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