

Converting Colors

XYZ(39.6542, 23.6914, 97.0906)

Have a look what the booklet for
XYZ(39.6542, 23.6914, 97.0906)
contains.

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Color

**XYZ(39.5269, 23.5949,
97.0787)**

Conversions

Conversions Part 1

Format	Color
Hex	B059FF
RGB	176, 89, 255
RGB Percent	69%, 35%, 100%
CMY	0.3098, 0.6510, 0.0000
CMYK	0.31, 0.65, 0.00, 0.00
HSL	271°, 100%, 67%
HSV	271°, 65%, 100%
XYZ	39.5269, 23.5949, 97.0787
YIQ	133.9370, -1.4340, 70.0700

Conversions

Conversions Part 2

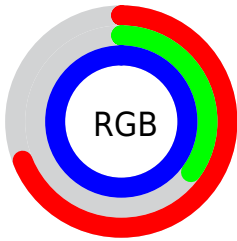
Format	Color
R _Y B	176, 89, 255
Decimal	11557375
CIE _{Lab}	55.68, 64.25, -68.91
CIE _{LCh}	56, 94.212, 312.995
Y _{xy}	23.5949, 0.2467, 0.1473
Android (android.graphics.Color)	4289747455 (0xFFB059FF)
YUV	133.9370, 59.6841, 36.8893
Hunter-Lab	48.5746, 60.2464, -84.4918

Details

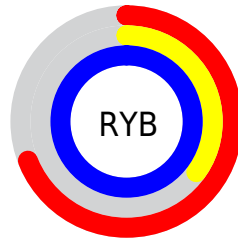
The XYZ color **39.5269, 23.5949, 97.0787** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **53.7115, 80.5660, 22.1717**, and the grayscale version is **22.4262, 23.5941, 25.6940**.

A 20% lighter version of the original color is **62.6153, 44.9994, 99.9933**, and **17.9041, 8.7931, 53.5769** is the 20% darker color. If you saturate the color by 10%, you get **35.1382, 18.7095, 96.3670**, and if you desaturate by 10%, it is **44.8974, 30.0773, 98.0469**.

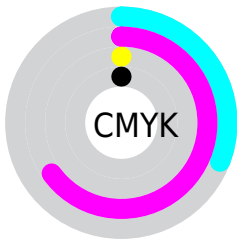
Distribution



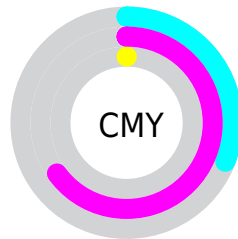
- Red (69%)
- Green (35%)
- Blue (100%)



- Red (69%)
- Yellow (35%)
- Blue (100%)



- Cyan (31%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5269, 23.5949, 97.0787 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 39.5269, 23.5949, 97.0787 by changing the saturation by 10% instead.

 39.5269, 23.5949,
97.0787

 39.5269, 23.5949,
97.0787

335.2942,
270.7660, 571.9520


 27.3524, 15.0334,
73.2599


 73.7315, 49.3683,
159.1535


 17.9760, 8.8428,
53.6954


 96.4923, 67.3490,
198.2465

 11.0324, 4.6388,
37.9666


 123.5126, 89.2382,
243.2681

 6.1561, 2.0369,
25.6552

 155.1578,
115.4204, 294.6366

 2.9818, 0.6288,
16.3424

191.7932,
146.2798, 352.7708

 1.1441, 0.0000,
9.6098

233.7842,

 0.0616, 0.0000,

182.2010, 418.0890

5.0388

281.4960,
223.5682, 491.0099

■ 0.0000, 0.0000,
2.2109

■ 0.0000, 0.0000,
0.6807

■ 39.5269, 23.5949,
97.0787

■ 39.5269, 23.5949,
97.0787

■ 35.1382, 18.7095,
96.3670

■ 44.8974, 30.0773,
98.0469

■ 31.6422, 15.2561,
95.8847

■ 51.3211, 38.2940,
99.2943

■ 28.9353, 13.0359,
95.5989

■ 58.8654, 48.3699,
100.8415

■ 27.8255, 12.2595,
95.5075

■ 67.5908, 60.4171,
102.7070

77.5529, 74.5390,
104.9077

88.8038, 90.8315,
107.4595

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



27.3629, 23.5949, 135.9939



39.5269, 23.5949, 97.0787



48.3211, 23.5949, 46.9896

Triad

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



39.5269, 23.5949, 97.0787



28.9771, 23.5949, 0.4130



7.7876, 23.5949, 41.2964

Complementary

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



39.5269, 23.5949, 97.0787



53.7115, 80.5660, 22.1717

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.



7.9726, 23.5949, 12.0539



39.5269, 23.5949, 97.0787



18.1222, 23.5949, 0.2937

Square

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



39.5269, 23.5949, 97.0787



41.0268, 23.5949, 2.8439



11.1437, 23.5949, 2.2249



10.5189, 23.5949, 90.1946

Rectangle

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



39.5269, 23.5949, 97.0787



49.7852, 23.5949, 22.7419



11.1437, 23.5949, 2.2249



7.5444, 23.5949, 28.8843

Sweetspot

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



39.5279, 23.5957, 97.0788



72.5107, 67.3497, 103.7858



36.4017, 37.8073, 99.9867



14.9310, 13.5829, 22.0848



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.



39.5279, 23.5957, 97.0788



34.0354, 17.5673, 96.2047



62.4203, 35.4483, 95.8418



17.9116, 17.8462, 22.7506



14.7132, 6.4954, 49.9129



1.5588, 0.6975, 4.8657

Inverse Universe

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



51.8804, 31.2323, 40.3393



48.2250, 26.3244, 31.7130



41.8018, 74.4126, 22.2323



18.3693, 18.1310, 20.5620



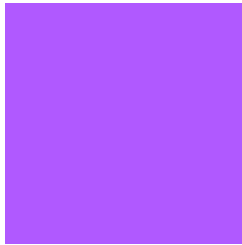
23.4377, 11.8644, 10.9554



2.3368, 1.1771, 1.3551

Previews

White Background



This preview shows how the XYZ color 39.5269, 23.5949, 97.0787 looks on a white background.

Color Contrast Check

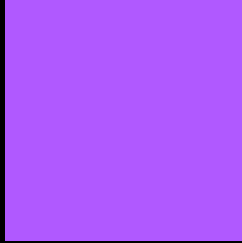
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5269, 23.5949, 97.0787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

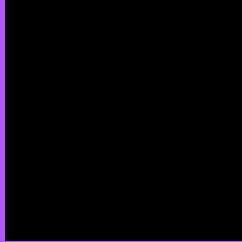
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5269, 23.5949, 97.0787

Background



This preview shows how black text looks on a background with the XYZ color 39.5269, 23.5949, 97.0787.



This preview shows how white text looks on a background with the XYZ color 39.5269, 23.5949,

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

39.5269, 23.5949, 97.0787

Protanopia

27.7637, 23.8812, 97.7540

Deuteranopia

24.5323, 23.8996, 85.7582



Tritanopia

25.0332, 23.2865, 26.0970

Trichromacy



Original Color

39.5269, 23.5949, 97.0787

Protanomaly

29.5468, 22.0794, 97.3122

Deuteranomaly

25.1926, 20.8762, 89.0879

Tritanomaly

28.8311, 22.5244, 45.4759

Monochromacy



Original Color

39.5269, 23.5949, 97.0787

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.9087, 22.5608, 45.0559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5269, 23.5949, 97.0787 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(176, 89, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 89, 255)  
}
```

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(176, 89, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 89, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.5269, 23.5949, 97.0787 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(176, 89, 255) }
```


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

```
.border{ border-color:rgb(176, 89, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 89, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 89, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 89, 255);  
box-shadow:4px 4px 4px 4px rgb(176, 89,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5269, 23.5949, 97.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 89, 255) }
```

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

```
.background{ background-color: rgb(176, 89,  
255) }
```

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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