

Converting Colors

XYZ(39.2827, 18.9457, 96.1942)

Have a look what the booklet for
XYZ(39.2827, 18.9457, 96.1942)
contains.

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Color

**XYZ(39.3055, 18.9444,
96.1927)**

Conversions

Conversions Part 1

Format	Color
Hex	BC20FF
RGB	188, 32, 255
RGB Percent	74%, 13%, 100%
CMY	0.2627, 0.8745, 0.0000
CMYK	0.26, 0.87, 0.00, 0.00
HSL	282°, 100%, 56%
HSV	282°, 87%, 100%
XYZ	39.3055, 18.9444, 96.1927
YIQ	104.0660, 21.3930, 102.4250

Conversions

Conversions Part 2

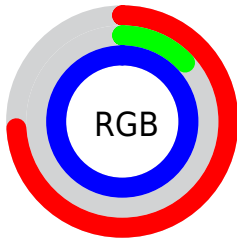
Format	Color
R _Y B	188, 32, 255
Decimal	12329215
CIE Lab	50.62, 85.35, -77.04
CIE LCh	51, 114.977, 317.929
Yxy	18.9444, 0.2545, 0.1227
Android (android.graphics.Color)	4290519295 (0xFFBC20FF)
YUV	104.0660, 74.4105, 73.6101
Hunter-Lab	43.5252, 85.0258, -100.5661

Details

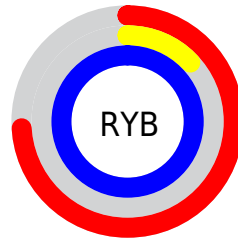
The XYZ color **39.3055, 18.9444, 96.1927** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light washed purple. A complement of this color would be **41.1667, 74.2771, 13.5341**, and the grayscale version is **12.9805, 13.6565, 14.8719**.

A 20% lighter version of the original color is **61.9672, 37.0602, 98.4951**, and **18.8304, 8.5432, 53.4799** is the 20% darker color. If you saturate the color by 10%, you get **37.0226, 17.1056, 95.9581**, and if you desaturate by 10%, it is **42.2159, 21.8873, 96.6074**.

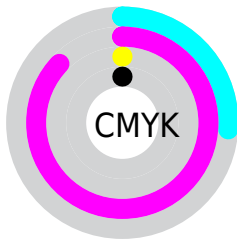
Distribution



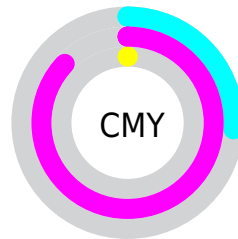
- Red (74%)
- Green (13%)
- Blue (100%)



- Red (74%)
- Yellow (13%)
- Blue (100%)



- Cyan (26%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)





- Cyan (26%)
- Magenta (87%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3055, 18.9444, 96.1927 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 39.3055, 18.9444, 96.1927 by changing the saturation by 10% instead.

 39.3055, 18.9444,
96.1927


 39.3055, 18.9444,
96.1927

334.3724,
246.1416, 569.0579


 27.1793, 11.6301,
72.5257


 73.3959, 41.6401,
157.9211

 17.8452, 6.4923,
53.0988


 96.0907, 57.7904,
196.8195


 10.9379, 3.1467,
37.4934


 123.0391, 77.6547,
241.6322

 6.0921, 1.2088,
25.2909

 154.6065,
101.6175, 292.7776

 2.9423, 0.0689,
16.0729

 191.1582,
130.0632, 350.6744

 1.1233, 0.0000,
9.4209

233.0595,

 0.0445, 0.0000,

163.3762, 415.7410

4.9162

280.6758,
201.9409, 488.3959

■ 0.0000, 0.0000,
2.1403

■ 0.0000, 0.0000,
0.6396

■ 39.3055, 18.9444,
96.1927

■ 39.3055, 18.9444,
96.1927

■ 37.0226, 17.1056,
95.9581

■ 42.2159, 21.8873,
96.6074

■ 36.4990, 16.7308,
95.9134

■ 45.8610, 26.1496,
97.2380

■ 50.3262, 31.8990,
98.1124

■ 55.6835, 39.2773,
99.2542

■ 61.9964, 48.4093,
100.6841

■ 69.3222, 59.4077,
102.4209

■ 77.7134, 72.3754,
104.4817

■ 87.2186, 87.4078,
106.8822

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.



25.5183, 18.9444, 153.5058



39.3055, 18.9444, 96.1927



48.5179, 18.9444, 36.4820

Triad

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



39.3055, 18.9444, 96.1927



22.9185, 18.9444, 0.0000



4.2717, 18.9444, 46.1738

Complementary

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



39.3055, 18.9444, 96.1927



41.1667, 74.2771, 13.5341

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.



4.0562, 18.9444, 10.1958



39.3055, 18.9444, 96.1927



12.1351, 18.9444, 0.0000

Square

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



39.3055, 18.9444, 96.1927



36.7340, 18.9444, 0.1350



6.2501, 18.9444, 0.7158



7.0542, 18.9444, 109.2340

Rectangle

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



39.3055, 18.9444, 96.1927



49.0455, 18.9444, 13.2084



6.2501, 18.9444, 0.7158



3.9566, 18.9444, 30.4055

Sweetspot

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



39.3064, 18.9451, 96.1928



70.4707, 61.1622, 102.6990



23.4584, 17.1523, 96.6821



14.5038, 12.2081, 21.8419



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.



39.3064, 18.9451, 96.1928



36.4990, 16.7308, 95.9134



53.9093, 27.1544, 66.0971



18.2302, 18.0104, 22.7655



19.2296, 8.8237, 50.1242



1.9828, 0.9161, 4.8856

Inverse Universe

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



44.0089, 23.1942, 13.9624



42.5659, 21.7904, 8.9122



37.5547, 72.3067, 18.2611



18.2340, 18.0769, 19.8492



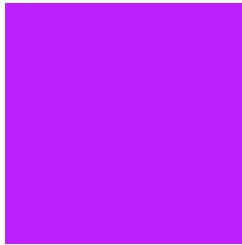
22.2988, 11.4088, 4.9581



2.2170, 1.1292, 0.7241

Previews

White Background



This preview shows how the XYZ color 39.3055, 18.9444, 96.1927 looks on a white background.

Color Contrast Check

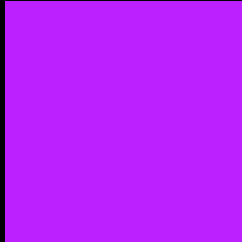
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3055, 18.9444, 96.1927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

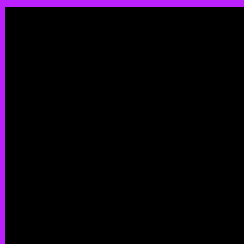
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.3055, 18.9444, 96.1927

Background



This preview shows how black text looks on a background with the XYZ color 39.3055, 18.9444, 96.1927.



This preview shows how white text looks on a background with the XYZ color 39.3055, 18.9444,

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

39.3055, 18.9444, 96.1927

Protanopia

22.9958, 19.3764, 89.7168

Deuteranopia

19.3453, 19.2703, 66.3183



Tritanopia

23.2365, 18.8475, 17.4522

Trichromacy



Original Color

39.3055, 18.9444, 96.1927



Protanomaly

22.8106, 14.7241, 91.2623



Deuteranomaly

20.2678, 14.3683, 75.8339



Tritanomaly

26.4983, 16.8363, 36.5035

Monochromacy



Original Color

39.3055, 18.9444, 96.1927



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

18.9741, 13.1029, 34.3300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3055, 18.9444, 96.1927 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(188, 32, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 32, 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(188, 32, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 32, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.3055, 18.9444, 96.1927 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(188, 32, 255) }
```


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

```
.border{ border-color:rgb(188, 32, 255) }
```

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

Here you see how a box with a 4 pixel rgb(188, 32, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 32, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 32, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 32,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3055, 18.9444, 96.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 32, 255) }
```

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

```
.background{ background-color: rgb(188, 32,  
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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