

Converting Colors

XYZ(26.4355, 12.7769, 39.6888)

Have a look what the booklet for
XYZ(26.4355, 12.7769, 39.6888)
contains.

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Color

**XYZ(26.4067, 12.7640,
39.6000)**

Conversions

Conversions Part 1

Format	Color
Hex	B500AB
RGB	181, 0, 171
RGB Percent	71%, 0%, 67%
CMY	0.2902, 0.9999, 0.3294
CMYK	0.00, 1.00, 0.06, 0.29
HSL	303°, 100%, 35%
HSV	303°, 100%, 71%
XYZ	26.4067, 12.7640, 39.6000
YIQ	73.6130, 52.9850, 91.5530

Conversions

Conversions Part 2

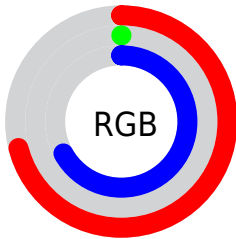
Format	Color
RYB	181, 0, 171
Decimal	11862187
CIELab	42.41, 74.51, -42.06
CIELCh	42, 85.563, 330.555
Yxy	12.7640, 0.3352, 0.1620
Android (android.graphics.Color)	4290052267 (0xFFB500AB)
YUV	73.6130, 48.0118, 94.1784
Hunter-Lab	35.7267, 69.4129, -40.7091

Details

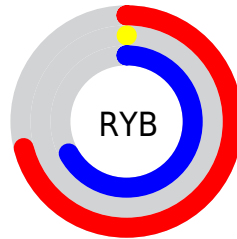
The XYZ color **26.4067, 12.7640, 39.6000** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **16.5792, 33.0702, 5.7972**, and the grayscale version is **6.3543, 6.6852, 7.2802**.

A 20% lighter version of the original color is **53.4685, 30.9024, 75.8197**, and **11.4384, 5.5190, 17.6019** is the 20% darker color. If you saturate the color by 10%, you get **26.4069, 12.7641, 39.5996**, and if you desaturate by 10%, it is **26.7210, 13.2390, 40.1770**.

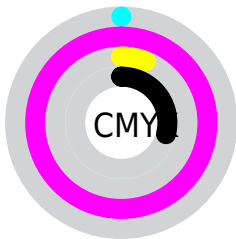
Distribution



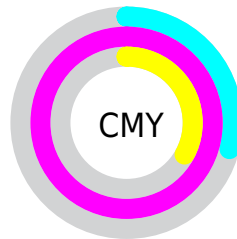
- Red (71%)
- Green (0%)
- Blue (67%)



- Red (71%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4067, 12.7640, 39.6000 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 26.4067, 12.7640, 39.6000 by changing the saturation by 10% instead.


 26.4067, 12.7640,
39.6000


 26.4067, 12.7640,
39.6000


276.9931,
209.3996, 359.9366


 17.2624, 7.2662,
26.9154


 53.3570, 30.8791,
75.7844


 10.5182, 3.6292,
17.2778


 71.8937, 44.2653,
100.1213


 5.8088, 1.4684,
10.2687


 94.2919, 61.0497,
129.1794

 2.7687, 0.2663,
5.4696

 120.9170, 81.6168,
163.3773

 1.0327, 0.0000,
2.4618

 152.1343,
106.3510, 203.1333

 0.0000, 0.0000,
0.8198

 188.3092,

 0.0000, 0.0000,

135.6365, 248.8662

0.0000

229.8070,
169.8579, 300.9945

■ 26.4067, 12.7640,
39.6000

■ 26.4067, 12.7640,
39.6000

■ 26.4069, 12.7641,
39.5996

■ 26.7210, 13.2390,
40.1770

■ 27.2368, 14.1162,
40.8247

■ 28.0305, 15.5483,
41.5686

■ 29.1390, 17.6085,
42.4210

■ 30.5932, 20.3592,
43.3922

■ 32.4206, 23.8551,
44.4914

■ 34.6458, 28.1454,
45.7268

■ 37.2914, 33.2752,
47.1060

■ 40.3781, 39.2861,
48.6358

Harmonies

Analogous

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



19.5694, 12.7640, 72.1716



26.4067, 12.7640, 39.6000



29.1812, 12.7640, 13.5574

Triad

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



26.4067, 12.7640, 39.6000



12.0123, 12.7640, 0.0000



4.2931, 12.7640, 40.8070

Complementary

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



26.4067, 12.7640, 39.6000



16.5792, 33.0702, 5.7972

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.



3.4901, 12.7640, 14.2439



26.4067, 12.7640, 39.6000



6.8673, 12.7640, 0.0000

Square

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



26.4067, 12.7640, 39.6000



19.2852, 12.7640, 0.0000



4.2334, 12.7640, 2.7441



7.0103, 12.7640, 73.2059

Rectangle

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



26.4067, 12.7640, 39.6000



27.7911, 12.7640, 4.8011



4.2334, 12.7640, 2.7441



3.8444, 12.7640, 30.4163

Sweetspot

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



26.4072, 12.7646, 39.6002



61.8269, 49.9771, 81.7754



8.4544, 3.3952, 43.9263



12.9900, 10.0817, 17.4709



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.4072, 12.7646, 39.6002



47.2652, 22.8486, 70.7712



20.5591, 10.4254, 8.8045



8.8293, 8.6385, 10.5998



18.2127, 8.8026, 27.3439



0.5792, 0.2794, 0.8925

Inverse Universe

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



26.4072, 12.7646, 39.6002



47.2652, 22.8486, 70.7712



18.8033, 33.9598, 17.5092



8.8293, 8.6385, 10.5998



18.2127, 8.8026, 27.3439



0.5792, 0.2794, 0.8925

Previews

White Background



This preview shows how the XYZ color 26.4067, 12.7640, 39.6000 looks on a white background.

Color Contrast Check

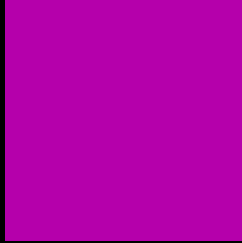
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.4067, 12.7640, 39.6000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

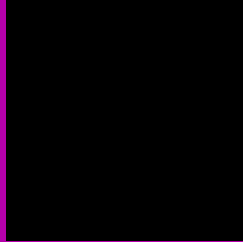
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.4067, 12.7640, 39.6000

Background



This preview shows how black text looks on a background with the XYZ color 26.4067, 12.7640, 39.6000.



This preview shows how white text looks on a background with the XYZ color 26.4067, 12.7640,

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

26.4067, 12.7640, 39.6000

Deuteranopia

13.7829, 13.4155, 35.5812

Tritanopia

19.9391, 13.1272, 7.4441

Trichromacy



Original Color

26.4067, 12.7640, 39.6000

Deuteranomaly

15.2374, 9.8767, 36.7006

Tritanomaly

21.1969, 11.9033, 15.0903

Monochromacy



Original Color

26.4067, 12.7640, 39.6000

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

10.5869, 6.6479, 15.1932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4067, 12.7640, 39.6000 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(181, 0, 171)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 171)  
}
```

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(181, 0, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.4067, 12.7640, 39.6000 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(181, 0, 171) }
```

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

```
.border{ border-color:rgb(181, 0, 171) }
```

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

Here you see how a box with a 4 pixel rgb(181, 0, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 171);  
box-shadow:4px 4px 4px 4px rgb(181, 0,  
171) }
```


Background

The CSS property to change the background color of an element to XYZ 26.4067, 12.7640, 39.6000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 171) }
```

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

```
.background{ background-color: rgb(181, 0,  
171) }
```

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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