

Converting Colors

XYZ(25.7994, 12.4540, 39.4342)

Have a look what the booklet for
XYZ(25.7994, 12.4540, 39.4342)
contains.

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Color

**XYZ(25.9411, 12.5240,
39.5782)**

Conversions

Conversions Part 1

Format	Color
Hex	B300AB
RGB	179, 0, 171
RGB Percent	70%, 0%, 67%
CMY	0.2980, 0.9999, 0.3294
CMYK	0.00, 1.00, 0.04, 0.30
HSL	303°, 100%, 35%
HSV	303°, 100%, 70%
XYZ	25.9411, 12.5240, 39.5782
YIQ	73.0150, 51.7930, 91.1290

Conversions

Conversions Part 2

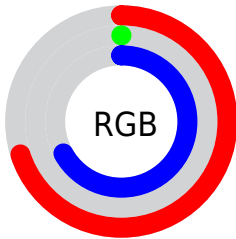
Format	Color
RYB	179, 0, 171
Decimal	11731115
CIELab	42.04, 74.17, -42.67
CIELCh	42, 85.568, 330.088
Yxy	12.5240, 0.3324, 0.1605
Android (android.graphics.Color)	4289921195 (0xFFB300AB)
YUV	73.0150, 48.3066, 92.9488
Hunter-Lab	35.3893, 68.9132, -41.5355

Details

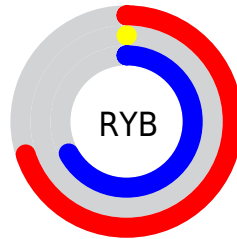
The XYZ color **25.9411, 12.5240, 39.5782** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **16.1645, 32.2583, 5.6049**, and the grayscale version is **6.2499, 6.5754, 7.1606**.

A 20% lighter version of the original color is **52.7895, 30.5524, 75.7879**, and **11.1552, 5.3730, 17.5887** is the 20% darker color. If you saturate the color by 10%, you get **25.9413, 12.5241, 39.5779**, and if you desaturate by 10%, it is **26.2329, 12.9848, 40.0530**.

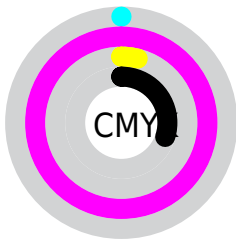
Distribution



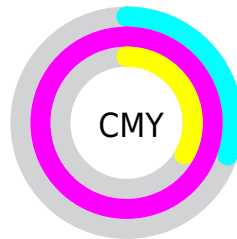
- Red (70%)
- Green (0%)
- Blue (67%)



- Red (70%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (30%)





- Cyan (30%)
- Magenta (100%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9411, 12.5240, 39.5782 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 25.9411, 12.5240, 39.5782 by changing the saturation by 10% instead.

 25.9411, 12.5240,
39.5782


 25.9411, 12.5240,
39.5782


274.7548,
207.8441, 359.8416


 16.9120, 7.1016,
26.8985


 52.6119, 30.4459,
75.7508

 10.2667, 3.5257,
17.2653


 70.9843, 43.7143,
100.0809

 5.6398, 1.4120,
10.2599


 93.2019, 60.3667,
129.1315

 2.6659, 0.2255,
5.4637

 119.6300, 80.7876,
163.3212

 0.9796, 0.0000,
2.4584

 150.6340,
105.3614, 203.0685

 0.0000, 0.0000,
0.8180

 186.5793,

 0.0000, 0.0000,

134.4725, 248.7920

0.0000

227.8311,
168.5053, 300.9102

■ 25.9411, 12.5240,
39.5782

■ 25.9411, 12.5240,
39.5782

■ 25.9413, 12.5241,
39.5779

■ 26.2329, 12.9848,
40.0530

■ 26.7204, 13.8366,
40.5953

■ 27.4786, 15.2291,
41.2300

■ 28.5433, 17.2338,
41.9693

■ 29.9447, 19.9111,
42.8230

■ 31.7094, 23.3144,
43.8002

■ 33.8614, 27.4915,
44.9087

■ 36.4226, 32.4862,
46.1560

■ 39.4133, 38.3392,
47.5487

Harmonies

Analogous

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



19.1376, 12.5240, 71.8266



25.9411, 12.5240, 39.5782



28.7734, 12.5240, 13.5829

Triad

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



25.9411, 12.5240, 39.5782



11.8850, 12.5240, 0.0000



4.1540, 12.5240, 39.7675

Complementary

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



25.9411, 12.5240, 39.5782



16.1645, 32.2583, 5.6049

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.



3.3904, 12.5240, 13.6902



25.9411, 12.5240, 39.5782



6.7700, 12.5240, 0.0000

Square

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



25.9411, 12.5240, 39.5782



19.0931, 12.5240, 0.0000



4.1447, 12.5240, 2.5731



6.7923, 12.5240, 71.9891

Rectangle

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



25.9411, 12.5240, 39.5782



27.4557, 12.5240, 4.8046



4.1447, 12.5240, 2.5731



3.7224, 12.5240, 29.5263

Sweetspot

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



25.9416, 12.5246, 39.5784



60.4262, 48.8120, 80.3203



8.2120, 3.2938, 42.8513



13.0158, 10.0920, 17.6063



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.



25.9416, 12.5246, 39.5784



46.4365, 22.4208, 70.7606



20.1734, 10.2173, 9.2034



8.8333, 8.6400, 10.6206



18.3377, 8.8526, 28.0019



0.5820, 0.2805, 0.9074

Inverse Universe

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



25.9416, 12.5246, 39.5784



46.4365, 22.4208, 70.7606



18.2079, 33.0757, 16.3653



8.8333, 8.6400, 10.6206



18.3377, 8.8526, 28.0019



0.5820, 0.2805, 0.9074

Previews

White Background



This preview shows how the XYZ color 25.9411, 12.5240, 39.5782 looks on a white background.

Color Contrast Check

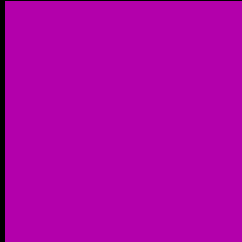
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9411, 12.5240, 39.5782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

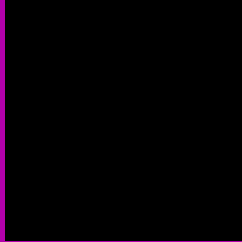
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9411, 12.5240, 39.5782

Background



This preview shows how black text looks on a background with the XYZ color 25.9411, 12.5240, 39.5782.



This preview shows how white text looks on a background with the XYZ color 25.9411, 12.5240,

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

25.9411, 12.5240, 39.5782

Protanopia

15.7528, 13.2894, 61.4094

Deuteranopia

13.6386, 13.3412, 35.5745



Tritanopia

19.5067, 12.9043, 7.4239

Trichromacy



Original Color

25.9411, 12.5240, 39.5782



Protanomaly

13.7529, 8.5092, 52.5473



Deuteranomaly

14.9885, 9.7484, 36.6890



Tritanomaly

20.7513, 11.6735, 15.0694

Monochromacy



Original Color

25.9411, 12.5240, 39.5782



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.4194, 6.5029, 15.1740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9411, 12.5240, 39.5782 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(179, 0, 171)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 0, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 0, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.9411, 12.5240, 39.5782 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(179, 0, 171) }
```


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

```
.border{ border-color:rgb(179, 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(179, 0, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 0, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 0, 171);  
box-shadow:4px 4px 4px 4px rgb(179, 0,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9411, 12.5240, 39.5782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 0, 171) }
```

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

```
.background{ background-color: rgb(179, 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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