

Converting Colors

XYZ(26.4819, 12.9362, 33.5756)

Have a look what the booklet for
XYZ(26.4819, 12.9362, 33.5756)
contains.

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Color

**XYZ(26.4213, 12.9077,
33.4466)**

Conversions

Conversions Part 1

Format	Color
Hex	BA009E
RGB	186, 0, 158
RGB Percent	73%, 0%, 62%
CMY	0.2706, 0.9999, 0.3804
CMYK	0.00, 1.00, 0.15, 0.27
HSL	309°, 100%, 36%
HSV	309°, 100%, 73%
XYZ	26.4213, 12.9077, 33.4466
YIQ	73.6260, 60.1380, 88.5700

Conversions

Conversions Part 2

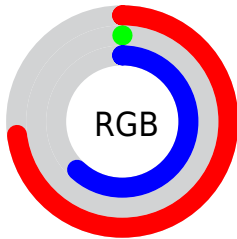
Format	Color
RYB	186, 0, 158
Decimal	12189854
CIELab	42.62, 73.63, -33.87
CIElCh	43, 81.047, 335.297
Yxy	12.9077, 0.3631, 0.1774
Android (android.graphics.Color)	4290379934 (0xFFBA009E)
YUV	73.6260, 41.5964, 98.5520
Hunter-Lab	35.9273, 68.3980, -30.0471

Details

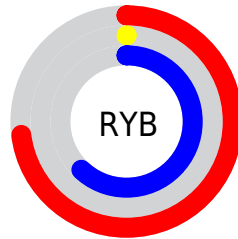
The XYZ color **26.4213, 12.9077, 33.4466** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **17.7693, 35.2023, 6.9583**, and the grayscale version is **6.3667, 6.6983, 7.2944**.

A 20% lighter version of the original color is **53.4245, 31.2133, 66.1598**, and **11.5036, 5.6298, 14.1160** is the 20% darker color. If you saturate the color by 10%, you get **26.4212, 12.9077, 33.4452**, and if you desaturate by 10%, it is **26.8919, 13.4585, 34.8065**.

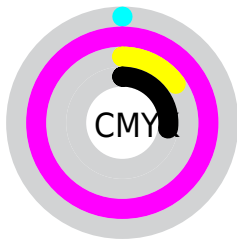
Distribution



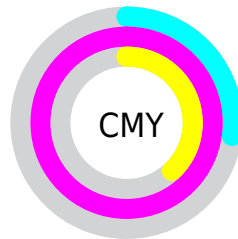
- Red (73%)
- Green (0%)
- Blue (62%)



- Red (73%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (27%)




- Cyan (27%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4213, 12.9077, 33.4466 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 26.4213, 12.9077, 33.4466 by changing the saturation by 10% instead.


 26.4213, 12.9077,
33.4466


 26.4213, 12.9077,
33.4466


277.0631,
210.3253, 332.3509


 17.2734, 7.3650,
22.1949


 53.3803, 31.1379,
66.1962


 10.5261, 3.6914,
13.8005


 71.9221, 44.5941,
88.5311


 5.8141, 1.5025,
7.8449


 94.3260, 61.4571,
115.3975

 2.7720, 0.2905,
3.9095

 120.9572, 82.1110,
147.2140

 1.0343, 0.0000,
1.5758

 152.1812,
106.9404, 184.3990

 0.0000, 0.0000,
0.2735

 188.3632,

 0.0000, 0.0000,

136.3297, 227.3711

0.0000

229.8687,
170.6632, 276.5489

■ 26.4213, 12.9077,
33.4466

■ 26.4213, 12.9077,
33.4466

■ 26.4212, 12.9077,
33.4452

■ 26.8919, 13.4585,
34.8065

■ 27.5833, 14.4422,
36.2672

■ 28.5754, 16.0184,
37.8556

■ 29.9075, 18.2657,
39.5849

■ 31.6130, 21.2507,
41.4665

■ 33.7212, 25.0321,
43.5103

■ 36.2585, 29.6625,
45.7253

■ 39.2490, 35.1902,
48.1197

■ 42.7150, 41.6597,
50.7010

Harmonies

Analogous

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



20.4315, 12.9077, 63.6444



26.4213, 12.9077, 33.4466



28.1763, 12.9077, 11.1585

Triad

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



26.4213, 12.9077, 33.4466



11.2105, 12.9077, 0.0000



4.9358, 12.9077, 44.0375

Complementary

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



26.4213, 12.9077, 33.4466



17.7693, 35.2023, 6.9583

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.



3.8684, 12.9077, 17.4121



26.4213, 12.9077, 33.4466



6.6334, 12.9077, 0.5133

Square

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



26.4213, 12.9077, 33.4466



17.8926, 12.9077, 0.0000



4.3653, 12.9077, 4.1312



7.9667, 12.9077, 72.5752

Rectangle

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



26.4213, 12.9077, 33.4466



26.3351, 12.9077, 3.9924



4.3653, 12.9077, 4.1312



4.3914, 12.9077, 34.0160

Sweetspot

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



26.4218, 12.9084, 33.4468



65.4664, 53.2988, 82.6669



9.3400, 3.7915, 46.6945



13.9699, 10.9190, 17.8229



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.4218, 12.9084, 33.4468



47.8173, 23.3669, 60.2405



21.2077, 10.8227, 5.9898



9.3212, 9.1389, 11.0391



17.7972, 8.6926, 22.6165



0.6433, 0.3128, 0.8812

Inverse Universe

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



26.4218, 12.9084, 33.4468



47.8173, 23.3669, 60.2405



21.0050, 36.4966, 23.9973



9.3212, 9.1389, 11.0391



17.7972, 8.6926, 22.6165



0.6433, 0.3128, 0.8812

Previews

White Background



This preview shows how the XYZ color 26.4213, 12.9077, 33.4466 looks on a white background.

Color Contrast Check

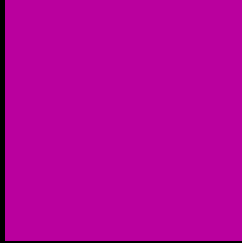
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4213, 12.9077, 33.4466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

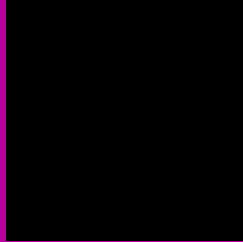
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.4213, 12.9077, 33.4466

Background



This preview shows how black text looks on a background with the XYZ color 26.4213, 12.9077, 33.4466.



This preview shows how white text looks on a background with the XYZ color 26.4213, 12.9077,

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

26.4213, 12.9077, 33.4466

Protanopia

16.2197, 13.6268, 63.4034

Deuteranopia

13.8430, 13.5722, 29.9071



Tritanopia

21.0661, 13.3036, 6.6118

Trichromacy



Original Color

26.4213, 12.9077, 33.4466



Protanomaly

13.6758, 8.5897, 50.8064



Deuteranomaly

15.5838, 10.1852, 30.8503



Tritanomaly

22.0337, 12.1756, 12.9932

Monochromacy



Original Color

26.4213, 12.9077, 33.4466



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.6365, 6.6978, 14.0968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4213, 12.9077, 33.4466 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(186, 0, 158)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 158)  
}
```

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(186, 0, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.4213, 12.9077, 33.4466 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(186, 0, 158) }
```


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

```
.border{ border-color:rgb(186, 0, 158) }
```

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

Here you see how a box with a 4 pixel rgb(186, 0, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 158);  
box-shadow:4px 4px 4px 4px rgb(186, 0,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4213, 12.9077, 33.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 158) }
```

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

```
.background{ background-color: rgb(186, 0,  
158) }
```

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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