

Converting Colors

XYZ(25.9369, 12.6472, 33.9139)

Have a look what the booklet for
XYZ(25.9369, 12.6472, 33.9139)
contains.

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Color

**XYZ(26.0252, 12.6936,
33.8793)**

Conversions

Conversions Part 1

Format	Color
Hex	B8009F
RGB	184, 0, 159
RGB Percent	72%, 0%, 62%
CMY	0.2784, 0.9999, 0.3765
CMYK	0.00, 1.00, 0.14, 0.28
HSL	308°, 100%, 36%
HSV	308°, 100%, 72%
XYZ	26.0252, 12.6936, 33.8793
YIQ	73.1420, 58.6250, 88.4570

Conversions

Conversions Part 2

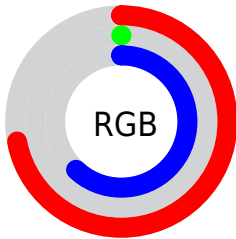
Format	Color
RYB	184, 0, 159
Decimal	12058783
CIELab	42.30, 73.40, -35.01
CIElCh	42, 81.319, 334.497
Yxy	12.6936, 0.3585, 0.1748
Android (android.graphics.Color)	4290248863 (0xFFB8009F)
YUV	73.1420, 42.3280, 97.2225
Hunter-Lab	35.6281, 68.0395, -31.4401

Details

The XYZ color **26.0252, 12.6936, 33.8793** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **17.3168, 34.3518, 6.6391**, and the grayscale version is **6.2816, 6.6088, 7.1969**.

A 20% lighter version of the original color is **52.7736, 30.7437, 66.7710**, and **11.2580, 5.4972, 14.3776** is the 20% darker color. If you saturate the color by 10%, you get **26.0250, 12.6935, 33.8777**, and if you desaturate by 10%, it is **26.4679, 13.2279, 35.1084**.

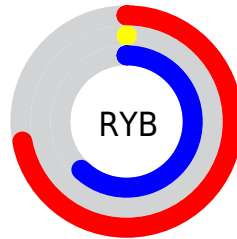
Distribution



Red (72%)

Green (0%)

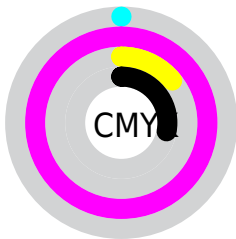
Blue (62%)



Red (72%)

Yellow (0%)

Blue (62%)

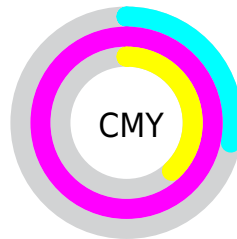


Cyan (0%)

Magenta (100%)

Yellow (14%)

Black (28%)



Cyan (28%)


Magenta (100%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0252, 12.6936, 33.8793 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 26.0252, 12.6936, 33.8793 by changing the saturation by 10% instead.


 26.0252, 12.6936,
33.8793


 26.0252, 12.6936,
33.8793


275.1602,
208.9446, 334.3462


 16.9753, 7.2179,
22.5243


 52.7466, 30.7522,
66.8777


 10.3121, 3.5987,
14.0406


 71.1488, 44.1039,
89.3581


 5.6702, 1.4517,
8.0099


 93.3991, 60.8497,
116.3841

 2.6843, 0.2544,
4.0134

 119.8629, 81.3741,
148.3742

 0.9891, 0.0000,
1.6327

 150.9056,
106.0614, 185.7469

 0.0000, 0.0000,
0.3140

 186.8925,

 0.0000, 0.0000,

135.2959, 228.9208

0.0000

228.1889,
169.4622, 278.3144

■ 26.0252, 12.6936,
33.8793

■ 26.0252, 12.6936,
33.8793

■ 26.0250, 12.6935,
33.8777

■ 26.4679, 13.2279,
35.1084

■ 27.1245, 14.1832,
36.4305

■ 28.0734, 15.7161,
37.8719

■ 29.3529, 17.9031,
39.4456

■ 30.9956, 20.8090,
41.1625

■ 33.0298, 24.4909,
43.0322

■ 35.4813, 29.0002,
45.0633

■ 38.3736, 34.3836,
47.2639

■ 41.7283, 40.6847,
49.6413

Harmonies

Analogous

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



19.9890, 12.6936, 63.9984



26.0252, 12.6936, 33.8793



27.9142, 12.6936, 11.3541

Triad

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



26.0252, 12.6936, 33.8793



11.1695, 12.6936, 0.0000



4.7573, 12.6936, 42.8555

Complementary

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



26.0252, 12.6936, 33.8793



17.3168, 34.3518, 6.6391

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.



3.7500, 12.6936, 16.6220



26.0252, 12.6936, 33.8793



6.5726, 12.6936, 0.4131

Square

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



26.0252, 12.6936, 33.8793



17.8433, 12.6936, 0.0000



4.2803, 12.6936, 3.8250



7.6918, 12.6936, 71.5878

Rectangle

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



26.0252, 12.6936, 33.8793



26.1704, 12.6936, 4.0560



4.2803, 12.6936, 3.8250



4.2369, 12.6936, 32.9189

Sweetspot

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



26.0257, 12.6942, 33.8795



64.0701, 52.1097, 81.4912



9.0422, 3.6624, 45.5781



13.3947, 10.4634, 17.2293



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.0257, 12.6942, 33.8795



47.1114, 22.9840, 61.0661



20.7953, 10.6021, 6.3371



9.3270, 9.1412, 11.0695



17.9553, 8.7559, 23.4489



0.6476, 0.3145, 0.9038

Inverse Universe

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



26.0257, 12.6942, 33.8795



47.1114, 22.9840, 61.0661



20.3251, 35.5551, 22.4809



9.3270, 9.1412, 11.0695



17.9553, 8.7559, 23.4489



0.6476, 0.3145, 0.9038

Previews

White Background



This preview shows how the XYZ color 26.0252, 12.6936, 33.8793 looks on a white background.

Color Contrast Check

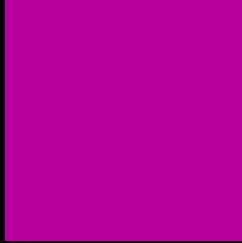
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0252, 12.6936, 33.8793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

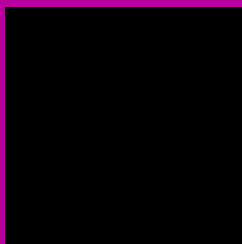
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0252, 12.6936, 33.8793

Background



This preview shows how black text looks on a background with the XYZ color 26.0252, 12.6936, 33.8793.



This preview shows how white text looks on a background with the XYZ color 26.0252, 12.6936,

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

26.0252, 12.6936, 33.8793

Protanopia

15.9705, 13.5271, 62.0909

Deuteranopia

13.6458, 13.3163, 30.2849



Tritanopia

20.6654, 13.1785, 6.6088

Trichromacy



Original Color

26.0252, 12.6936, 33.8793



Protanomaly

13.4962, 8.5099, 50.2215



Deuteranomaly

15.3289, 9.9598, 31.2515



Tritanomaly

21.6494, 12.0214, 13.2359

Monochromacy



Original Color

26.0252, 12.6936, 33.8793



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.2857, 6.4642, 13.8023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0252, 12.6936, 33.8793 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(184, 0, 159)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 159)  
}
```

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(184, 0, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 159) }
```

Border

The CSS property to change the border of an element to XYZ 26.0252, 12.6936, 33.8793 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(184, 0, 159) }
```


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

```
.border{ border-color:rgb(184, 0, 159) }
```

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

Here you see how a box with a 4 pixel rgb(184, 0, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 0, 159);  
box-shadow:4px 4px 4px 4px rgb(184, 0,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0252, 12.6936, 33.8793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 159) }
```

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

```
.background{ background-color: rgb(184, 0,  
159) }
```

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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