

Converting Colors

XYZ(26.0804, 12.9214, 24.8715)

Have a look what the booklet for
XYZ(26.0804, 12.9214, 24.8715)
contains.

XYZ(26.0012, 12.8825, 24.7831)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.0012, 12.8825,
24.7831)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0089
RGB	191, 0, 137
RGB Percent	75%, 0%, 54%
CMY	0.2510, 0.9999, 0.4627
CMYK	0.00, 1.00, 0.28, 0.25
HSL	317°, 100%, 37%
HSV	317°, 100%, 75%
XYZ	26.0012, 12.8825, 24.7831
YIQ	72.7270, 69.8590, 83.0990

Conversions

Conversions Part 2

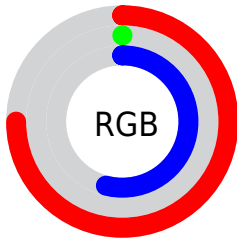
Format	Color
R_{YB}	191, 0, 137
Decimal	12517513
CIE _{Lab}	42.59, 72.06, -21.10
CIE _{LCh}	43, 75.082, 343.676
Yxy	12.8825, 0.4084, 0.2023
Android (android.graphics.Color)	4290707593 (0xFFBF0089)
YUV	72.7270, 31.6866, 103.7254
Hunter-Lab	35.8922, 66.4985, -15.8144

Details

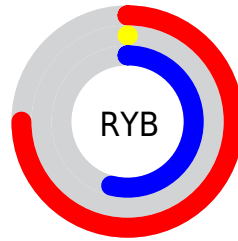
The XYZ color **26.0012, 12.8825, 24.7831** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **19.2978, 37.5285, 9.7204**, and the grayscale version is **6.2265, 6.5507, 7.1337**.

A 20% lighter version of the original color is **52.9570, 31.2734, 52.5354**, and **11.2360, 5.5937, 9.5043** is the 20% darker color. If you saturate the color by 10%, you get **26.0007, 12.8823, 24.7799**, and if you desaturate by 10%, it is **26.6337, 13.5116, 26.9537**.

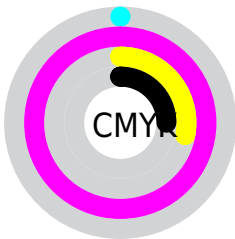
Distribution



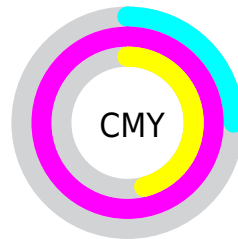
- Red (75%)
- Green (0%)
- Blue (54%)



- Red (75%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (25%)




- Cyan (25%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0012, 12.8825, 24.7831 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 26.0012, 12.8825, 24.7831 by changing the saturation by 10% instead.


 26.0012, 12.8825,
24.7831


 26.0012, 12.8825,
24.7831


275.0446,
210.1633, 290.1691


 16.9572, 7.3477,
15.6980


 52.7082, 31.0925,
52.2649

 10.2991, 3.6805,
9.1587


 71.1019, 44.5365,
71.4986


 5.6615, 1.4965,
4.7466

 93.3429, 61.3857,
94.9523

 2.6791, 0.2862,
2.0432

 119.7965, 82.0245,
123.0445

 0.9864, 0.0000,
0.5817

 150.8281,
106.8372, 156.1937

 0.0000, 0.0000,
0.0000

 186.8031,

136.2083, 194.8185

228.0868,
170.5222, 239.3375

■ 26.0012, 12.8825,
24.7831

■ 26.0012, 12.8825,
24.7831

■ 26.0007, 12.8823,
24.7799

■ 26.6337, 13.5116,
26.9537

■ 27.5160, 14.6093,
29.3045

■ 28.7320, 16.3421,
31.8649

■ 30.3238, 18.7943,
34.6503

■ 32.3273, 22.0372,
37.6739

■ 34.7742, 26.1336,
40.9475

■ 37.6927, 31.1398,
44.4817

■ 41.1088, 37.1072,
48.2865

■ 45.0465, 44.0836,
52.3709

Harmonies

Analogous

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



21.4414, 12.8825, 50.9914



26.0012, 12.8825, 24.7831



26.2176, 12.8825, 7.8550

Triad

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



26.0012, 12.8825, 24.7831



9.8394, 12.8825, 0.0329



5.9221, 12.8825, 48.6130

Complementary

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



26.0012, 12.8825, 24.7831



19.2978, 37.5285, 9.7204

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.



4.4029, 12.8825, 22.7981



26.0012, 12.8825, 24.7831



6.1447, 12.8825, 1.3867

Square

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



26.0012, 12.8825, 24.7831



15.5779, 12.8825, 0.0956



4.4693, 12.8825, 6.9441



9.4241, 12.8825, 70.5505

Rectangle

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



26.0012, 12.8825, 24.7831



23.7678, 12.8825, 2.8492



4.4693, 12.8825, 6.9441



5.2189, 12.8825, 39.5019

Sweetspot

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



26.0016, 12.8832, 24.7833



67.2307, 55.2918, 79.3450



10.7673, 4.4649, 49.5846



14.2540, 11.2638, 16.8195



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.0016, 12.8832, 24.7833



46.4578, 23.0285, 43.8047



21.9520, 11.2634, 3.4585



9.8118, 9.6490, 11.3978



17.1231, 8.4804, 16.4739



0.6974, 0.3429, 0.7858

Inverse Universe

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



26.0016, 12.8832, 24.7833



46.4578, 23.0285, 43.8047



23.8539, 39.3509, 33.7124



9.8118, 9.6490, 11.3978



17.1231, 8.4804, 16.4739



0.6974, 0.3429, 0.7858

Previews

White Background



This preview shows how the XYZ color 26.0012, 12.8825, 24.7831 looks on a white background.

Color Contrast Check

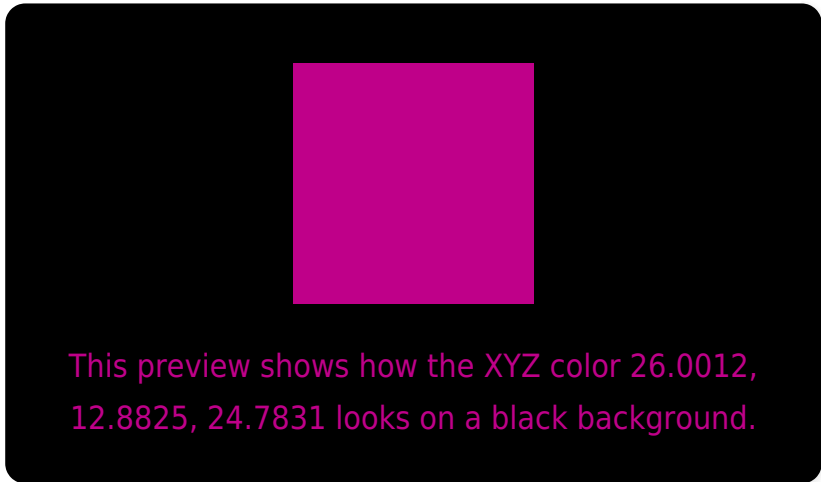
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

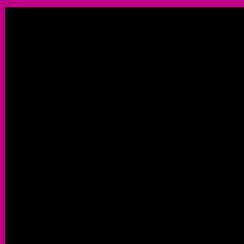
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0012, 12.8825, 24.7831

Background



This preview shows how black text looks on a background with the XYZ color 26.0012, 12.8825, 24.7831.



This preview shows how white text looks on a background with the XYZ color 26.0012, 12.8825,

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

26.0012, 12.8825, 24.7831

Protanopia

15.7727, 13.7583, 53.4541

Deuteranopia

13.8055, 13.5752, 22.3147



Tritanopia

22.0653, 13.2480, 5.2651

Trichromacy



Original Color

26.0012, 12.8825, 24.7831



Protanomaly

14.9529, 9.5476, 41.0992



Deuteranomaly

15.6030, 10.2920, 22.6369



Tritanomaly

22.7453, 12.3807, 9.9950

Monochromacy



Original Color

26.0012, 12.8825, 24.7831



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.2908, 6.5115, 11.7808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0012, 12.8825, 24.7831 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(191, 0, 137)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 137)  
}
```

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(191, 0, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 137) }
```

Border

The CSS property to change the border of an element to XYZ 26.0012, 12.8825, 24.7831 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(191, 0, 137) }
```


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

```
.border{ border-color:rgb(191, 0, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 137);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0012, 12.8825, 24.7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 137) }
```

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

```
.background{ background-color: rgb(191, 0,  
137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor