

Converting Colors

XYZ(25.8424, 12.7527, 26.9424)

Have a look what the booklet for
XYZ(25.8424, 12.7527, 26.9424)
contains.

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Color

**XYZ(25.9442, 12.8020,
27.0902)**

Conversions

Conversions Part 1

Format	Color
Hex	BD008F
RGB	189, 0, 143
RGB Percent	74%, 0%, 56%
CMY	0.2588, 0.9999, 0.4392
CMYK	0.00, 1.00, 0.24, 0.26
HSL	315°, 100%, 37%
HSV	315°, 100%, 74%
XYZ	25.9442, 12.8020, 27.0902
YIQ	72.8130, 66.7410, 84.5410

Conversions

Conversions Part 2

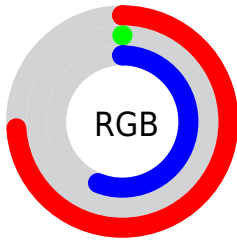
Format	Color
R_{YB}	189, 0, 143
Decimal	12386447
CIE _{Lab}	42.46, 72.35, -24.99
CIE _{LCh}	42, 76.540, 340.943
Yxy	12.8020, 0.3941, 0.1945
Android (android.graphics.Color)	4290576527 (0xFFBD008F)
YUV	72.8130, 34.6022, 101.8960
Hunter-Lab	35.7799, 66.8166, -19.8446

Details

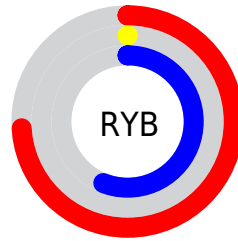
The XYZ color **25.9442, 12.8020, 27.0902** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **18.6918, 36.5930, 8.6659**, and the grayscale version is **6.2368, 6.5615, 7.1455**.

A 20% lighter version of the original color is **52.4728, 30.8265, 56.0078**, and **11.1377, 5.5185, 10.6034** is the 20% darker color. If you saturate the color by 10%, you get **25.9438, 12.8018, 27.0874**, and if you desaturate by 10%, it is **26.5318, 13.4077, 29.0412**.

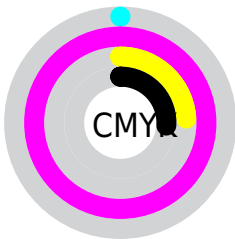
Distribution



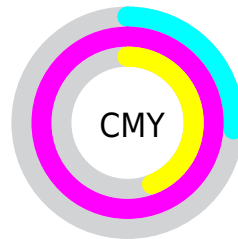
- Red (74%)
- Green (0%)
- Blue (56%)



- Red (74%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (26%)





- Cyan (26%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9442, 12.8020, 27.0902 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 25.9442, 12.8020, 27.0902 by changing the saturation by 10% instead.


 25.9442, 12.8020,
27.0902


 25.9442, 12.8020,
27.0902


274.7698,
209.6448, 301.8676


 16.9144, 7.2923,
17.4079


 52.6169, 30.9476,
56.0341

 10.2684, 3.6456,
10.3607


 70.9904, 44.3524,
76.1328


 5.6409, 1.4774,
5.5301


 93.2092, 61.1576,
100.5407

 2.6665, 0.2727,
2.4974

 119.6386, 81.7477,
129.6764

 0.9800, 0.0000,
0.8388

 150.6440,
106.5071, 163.9584

 0.0000, 0.0000,
0.0000

 186.5908,

135.8201, 203.8052

227.8443,
170.0712, 249.6354

■ 25.9442, 12.8020,
27.0902

■ 25.9442, 12.8020,
27.0902

■ 25.9438, 12.8018,
27.0874

■ 26.5318, 13.4077,
29.0412

■ 27.3581, 14.4678,
31.1431

■ 28.5051, 16.1460,
33.4240

■ 30.0140, 18.5243,
35.8986

■ 31.9196, 21.6721,
38.5791

■ 34.2526, 25.6505,
41.4765

■ 37.0405, 30.5142,
44.6009

■ 40.3085, 36.3136,
47.9613

■ 44.0799, 43.0949,
51.5662

Harmonies

Analogous

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



20.9756, 12.8020, 54.3126



25.9442, 12.8020, 27.0902



26.6227, 12.8020, 8.7386

Triad

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



25.9442, 12.8020, 27.0902



10.1822, 12.8020, 0.0000



5.5674, 12.8020, 46.8189

Complementary

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



25.9442, 12.8020, 27.0902



18.6918, 36.5930, 8.6659

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.



4.2057, 12.8020, 20.8775



25.9442, 12.8020, 27.0902



6.2525, 12.8020, 1.0808

Square

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



25.9442, 12.8020, 27.0902



16.1590, 12.8020, 0.0606



4.4088, 12.8020, 5.9293



8.8949, 12.8020, 70.6470

Rectangle

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



25.9442, 12.8020, 27.0902



24.3698, 12.8020, 3.1572



4.4088, 12.8020, 5.9293



4.9206, 12.8020, 37.4706

Sweetspot

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



25.9446, 12.8027, 27.0904



66.0719, 54.1803, 79.5927



10.2297, 4.2130, 48.4184



13.7376, 10.8261, 16.5997



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.



25.9446, 12.8027, 27.0904



46.3656, 22.8882, 47.9892



21.5716, 11.0535, 4.0621



9.8280, 9.6555, 11.4831



17.4870, 8.6260, 18.3902



0.7093, 0.3476, 0.8483

Inverse Universe

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



25.9446, 12.8027, 27.0904



46.3656, 22.8882, 47.9892



22.8297, 38.2482, 30.4557



9.8280, 9.6555, 11.4831



17.4870, 8.6260, 18.3902



0.7093, 0.3476, 0.8483

Previews

White Background



This preview shows how the XYZ color 25.9442, 12.8020, 27.0902 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

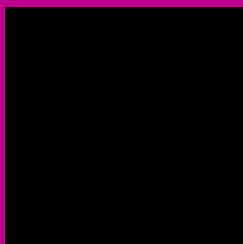
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9442, 12.8020, 27.0902

Background



This preview shows how black text looks on a background with the XYZ color 25.9442, 12.8020, 27.0902.



This preview shows how white text looks on a background with the XYZ color 25.9442, 12.8020,

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

25.9442, 12.8020, 27.0902

Protanopia

15.9689, 13.6105, 58.2854

Deuteranopia

13.7806, 13.5154, 24.4367



Tritanopia

21.7320, 13.2114, 5.5423

Trichromacy



Original Color

25.9442, 12.8020, 27.0902



Protanomaly

14.5316, 9.1665, 44.7195



Deuteranomaly

15.5547, 10.2188, 24.8195



Tritanomaly

22.4839, 12.3142, 10.8647

Monochromacy



Original Color

25.9442, 12.8020, 27.0902



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.2518, 6.4807, 12.2658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9442, 12.8020, 27.0902 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(189, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(189, 0, 143)  
}
```

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(189, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 0, 143) }
```

Border

The CSS property to change the border of an element to XYZ 25.9442, 12.8020, 27.0902 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(189, 0, 143) }
```


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

```
.border{ border-color:rgb(189, 0, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 0, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(189, 0,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9442, 12.8020, 27.0902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 0, 143) }
```

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

```
.background{ background-color: rgb(189, 0,  
143) }
```

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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