

Converting Colors

XYZ(26.1776, 12.9603, 25.3837)

Have a look what the booklet for
XYZ(26.1776, 12.9603, 25.3837)
contains.

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Color

**XYZ(26.1461, 12.9404,
25.5458)**

Conversions

Conversions Part 1

Format	Color
Hex	BF008B
RGB	191, 0, 139
RGB Percent	75%, 0%, 55%
CMY	0.2510, 0.9999, 0.4549
CMYK	0.00, 1.00, 0.27, 0.25
HSL	316°, 100%, 37%
HSV	316°, 100%, 75%
XYZ	26.1461, 12.9404, 25.5458
YIQ	72.9550, 69.2170, 83.7210

Conversions

Conversions Part 2

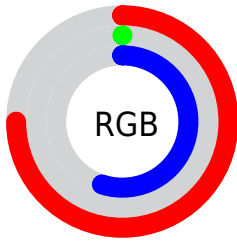
Format	Color
RYB	191, 0, 139
Decimal	12517515
CIELab	42.67, 72.28, -22.19
CIElCh	43, 75.610, 342.932
Yxy	12.9404, 0.4045, 0.2002
Android (android.graphics.Color)	4290707595 (0xFFBF008B)
YUV	72.9550, 32.5602, 103.5255
Hunter-Lab	35.9728, 66.7869, -16.9234

Details

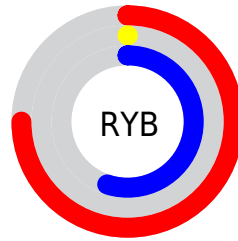
The XYZ color **26.1461, 12.9404, 25.5458** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **19.2517, 37.5102, 9.4775**, and the grayscale version is **6.2642, 6.5904, 7.1769**.

A 20% lighter version of the original color is **53.1787, 31.3621, 53.7027**, and **11.3189, 5.6268, 9.9407** is the 20% darker color. If you saturate the color by 10%, you get **26.1457, 12.9403, 25.5432**, and if you desaturate by 10%, it is **26.7705, 13.5662, 27.6738**.

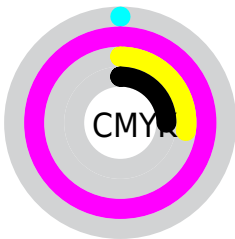
Distribution



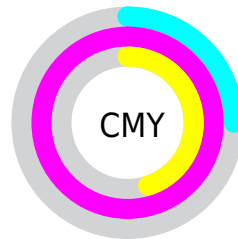
- Red (75%)
- Green (0%)
- Blue (55%)



- Red (75%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1461, 12.9404, 25.5458 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 26.1461, 12.9404, 25.5458 by changing the saturation by 10% instead.

 26.1461, 12.9404,
25.5458


 26.1461, 12.9404,
25.5458


275.7421,
210.5353, 294.0795


 17.0662, 7.3875,
16.2614


 52.9402, 31.1967,
53.5164


 10.3773, 3.7056,
9.5530


 71.3851, 44.6688,
73.0396


 5.7140, 1.5103,
5.0019

 93.6824, 61.5496,
96.8130

 2.7110, 0.2960,
2.1896

 120.1974, 82.2233,
125.2549

 1.0028, 0.0000,
0.6684

 151.2955,
107.0743, 158.7840

 0.0000, 0.0000,
0.0000

 187.3421,

136.4870, 197.8187

228.7025,
170.8459, 242.7777

■ 26.1461, 12.9404,
25.5458

■ 26.1461, 12.9404,
25.5458

■ 26.1457, 12.9403,
25.5432

■ 26.7705, 13.5662,
27.6738

■ 27.6433, 14.6600,
29.9749

■ 28.8484, 16.3883,
32.4784

■ 30.4279, 18.8355,
35.1994

■ 32.4177, 22.0728,
38.1511

■ 34.8493, 26.1630,
41.3450

■ 37.7511, 31.1623,
44.7918

■ 41.1490, 37.1223,
48.5011

■ 45.0670, 44.0906,
52.4819

Harmonies

Analogous

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



21.4472, 12.9404, 52.1887



26.1461, 12.9404, 25.5458



26.4883, 12.9404, 8.1363

Triad

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



26.1461, 12.9404, 25.5458



9.9922, 12.9404, 0.0000



5.8616, 12.9404, 48.4231

Complementary

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



26.1461, 12.9404, 25.5458



19.2517, 37.5102, 9.4775

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.



4.3764, 12.9404, 22.4088



26.1461, 12.9404, 25.5458



6.2119, 12.9404, 1.3078

Square

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



26.1461, 12.9404, 25.5458



15.8297, 12.9404, 0.0905



4.4807, 12.9404, 6.7025



9.3374, 12.9404, 71.0103

Rectangle

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



26.1461, 12.9404, 25.5458



24.0760, 12.9404, 2.9481



4.4807, 12.9404, 6.7025



5.1696, 12.9404, 39.1893

Sweetspot

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



26.1465, 12.9411, 25.5460



67.3378, 55.3347, 79.9094



10.7672, 4.4648, 49.5849



14.2803, 11.2744, 16.9584



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.



26.1465, 12.9411, 25.5460



46.7195, 23.1331, 45.1823



21.9520, 11.2633, 3.4582



9.8161, 9.6507, 11.4205



17.2177, 8.5182, 16.9718



0.7005, 0.3441, 0.8022

Inverse Universe

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



26.1465, 12.9411, 25.5460



46.7195, 23.1331, 45.1823



23.8539, 39.3511, 33.7122



9.8161, 9.6507, 11.4205



17.2177, 8.5182, 16.9718



0.7005, 0.3441, 0.8022

Previews

White Background



This preview shows how the XYZ color 26.1461, 12.9404, 25.5458 looks on a white background.

Color Contrast Check

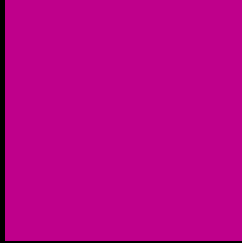
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1461, 12.9404, 25.5458 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 26.1461, 12.9404, 25.5458

Background



This preview shows how black text looks on a background with the XYZ color 26.1461, 12.9404, 25.5458.



This preview shows how white text looks on a background with the XYZ color 26.1461, 12.9404,

25.5458.

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

26.1461, 12.9404, 25.5458

Protanopia

15.9225, 13.7959, 55.2497

Deuteranopia

13.8285, 13.5717, 23.0099



Tritanopia

22.1123, 13.3421, 5.2807

Trichromacy



Original Color

26.1461, 12.9404, 25.5458



Protanomaly

14.9148, 9.4938, 42.6414



Deuteranomaly

15.5828, 10.2658, 23.3505



Tritanomaly

22.8148, 12.4550, 10.2184

Monochromacy



Original Color

26.1461, 12.9404, 25.5458



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.3371, 6.5301, 12.0249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1461, 12.9404, 25.5458 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 139) }
```

Border

The CSS property to change the border of an element to XYZ 26.1461, 12.9404, 25.5458 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, 139) }
```


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

```
.border{ border-color:rgb(191, 0, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1461, 12.9404, 25.5458 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, 139) }
```

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

```
.background{ background-color: rgb(191, 0,  
139) }
```

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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