

Converting Colors

XYZ(25.6136, 12.9342, 26.7215)

Have a look what the booklet for
XYZ(25.6136, 12.9342, 26.7215)
contains.

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Color

**XYZ(25.5765, 12.9187,
26.7367)**

Conversions

Conversions Part 1

Format	Color
Hex	BB118E
RGB	187, 17, 142
RGB Percent	73%, 7%, 56%
CMY	0.2667, 0.9333, 0.4431
CMYK	0.00, 0.91, 0.24, 0.27
HSL	316°, 83%, 40%
HSV	316°, 91%, 73%
XYZ	25.5765, 12.9187, 26.7367
YIQ	82.0800, 61.1950, 74.9150

Conversions

Conversions Part 2

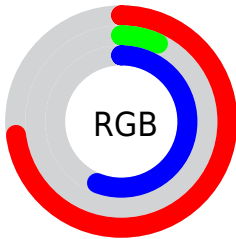
Format	Color
R_{YB}	187, 17, 142
Decimal	12259726
CIE _{Lab}	42.64, 70.04, -24.14
CIE _{LCh}	43, 74.084, 340.986
Yxy	12.9187, 0.3921, 0.1980
Android (android.graphics.Color)	4290449806 (0xFFBB118E)
YUV	82.0800, 29.5406, 92.0148
Hunter-Lab	35.9426, 64.1198, -18.9444

Details

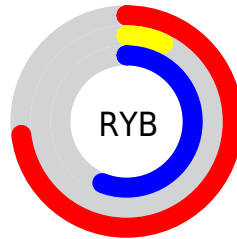
The XYZ color **25.5765, 12.9187, 26.7367** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **18.8720, 36.0083, 10.5160**, and the grayscale version is **7.9723, 8.3875, 9.1340**.

A 20% lighter version of the original color is **51.9777, 31.0720, 55.4825**, and **10.9416, 5.4225, 10.3675** is the 20% darker color. If you saturate the color by 10%, you get **25.0446, 12.3852, 24.9239**, and if you desaturate by 10%, it is **26.3787, 13.9148, 28.8791**.

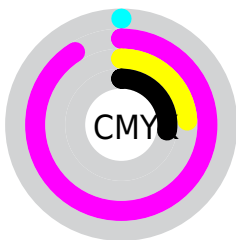
Distribution



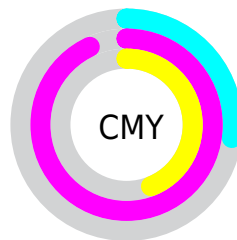
- Red (73%)
- Green (7%)
- Blue (56%)



- Red (73%)
- Yellow (7%)
- Blue (56%)



- Cyan (0%)
- Magenta (91%)
- Yellow (24%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5765, 12.9187, 26.7367 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 25.5765, 12.9187, 26.7367 by changing the saturation by 10% instead.

■ 25.5765, 12.9187,
26.7367

■ 25.5765, 12.9187,
26.7367

272.9919,
210.3960, 300.0997

■ 16.6381, 7.3726,
17.1449

■ 52.0271, 31.1576,
55.4597

■ 10.0705, 3.6962,
10.1748

■ 70.2701, 44.6193,
75.4279

■ 5.5084, 1.5051,
5.4079

■ 92.3452, 61.4882,
99.6920

■ 2.5863, 0.2923,
2.4256

■ 118.6180, 82.1488,
128.6705

■ 0.9390, 0.0000,
0.8003

■ 149.4537,
106.9855, 162.7820

■ 0.0000, 0.0000,
0.0000

■ 185.2176,

136.3826, 202.4450

226.2753,
170.7247, 248.0781

■ 25.5765, 12.9187,
26.7367

■ 25.5765, 12.9187,
26.7367

■ 25.0446, 12.3852,
24.9239

■ 26.3787, 13.9148,
28.8791

■ 27.4919, 15.5062,
31.2075

■ 28.9573, 17.7750,
33.7368

■ 30.8093, 20.7897,
36.4795

■ 33.0781, 24.6102,
39.4466

■ 35.7909, 29.2907,
42.6481

■ 38.9725, 34.8802,
46.0932

■ 42.6457, 41.4245,
49.7904

■ 46.8319, 48.9659,
53.7478

Harmonies

Analogous

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



20.8087, 12.9187, 52.6992



25.5765, 12.9187, 26.7367



26.2199, 12.9187, 8.9581

Triad

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



25.5765, 12.9187, 26.7367



10.3341, 12.9187, 0.0553



5.7989, 12.9187, 45.6548

Complementary

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



25.5765, 12.9187, 26.7367



18.8720, 36.0083, 10.5160

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.



4.4370, 12.9187, 20.8201



25.5765, 12.9187, 26.7367



6.4715, 12.9187, 1.2552

Square

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



25.5765, 12.9187, 26.7367



16.1430, 12.9187, 0.2430



4.6385, 12.9187, 6.2058



9.0865, 12.9187, 68.2299

Rectangle

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



25.5765, 12.9187, 26.7367



24.0554, 12.9187, 3.3973



4.6385, 12.9187, 6.2058



5.1538, 12.9187, 36.7460

Sweetspot

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



25.5769, 12.9194, 26.7369



65.9765, 55.7363, 78.4679



11.0048, 4.9350, 47.3866



14.1202, 11.5594, 16.8252



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.



25.5769, 12.9194, 26.7369



44.7515, 22.1406, 44.0961



21.4973, 11.2875, 5.2537



9.8192, 9.6520, 11.4369



17.2869, 8.5459, 17.3362



0.7028, 0.3450, 0.8141

Inverse Universe

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



25.5769, 12.9194, 26.7369



44.7515, 22.1406, 44.0961



23.0747, 37.6894, 32.6472



9.8192, 9.6520, 11.4369



17.2869, 8.5459, 17.3362



0.7028, 0.3450, 0.8141

Previews

White Background



This preview shows how the XYZ color 25.5765, 12.9187, 26.7367 looks on a white background.

Color Contrast Check

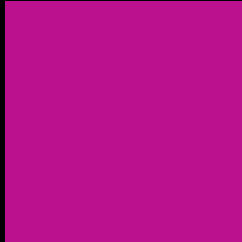
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5765, 12.9187, 26.7367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

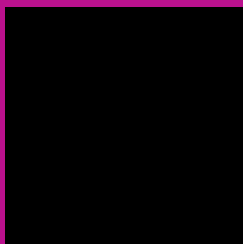
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.5765, 12.9187, 26.7367

Background



This preview shows how black text looks on a background with the XYZ color 25.5765, 12.9187, 26.7367.



This preview shows how white text looks on a background with the XYZ color 25.5765, 12.9187,

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

25.5765, 12.9187, 26.7367

Protanopia

15.8016, 13.5652, 56.4291

Deuteranopia

13.6147, 13.2946, 24.0388



Tritanopia

21.4114, 13.1868, 5.8317

Trichromacy



Original Color

25.5765, 12.9187, 26.7367



Protanomaly

14.8809, 9.8906, 43.7726



Deuteranomaly

15.6874, 10.8250, 24.5552



Tritanomaly

22.2378, 12.5332, 10.9200

Monochromacy



Original Color

25.5765, 12.9187, 26.7367



Achromatopsia

8.0200, 8.4376, 9.1886



Achromatomaly

11.7575, 8.0187, 14.0248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5765, 12.9187, 26.7367 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(187, 17, 142)` looks like.

```
.text, #text, p{  
    color:rgb(187, 17, 142)  
}
```

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(187, 17, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 17, 142) }
```

Border

The CSS property to change the border of an element to XYZ 25.5765, 12.9187, 26.7367 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(187, 17, 142) }
```


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

```
.border{ border-color:rgb(187, 17, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 17, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 17, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 17, 142);  
box-shadow:4px 4px 4px 4px rgb(187, 17,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5765, 12.9187, 26.7367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 17, 142) }
```

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

```
.background{ background-color: rgb(187, 17,  
142) }
```

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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