

Converting Colors

XYZ(26.3829, 12.6874, 42.5066)

Have a look what the booklet for
XYZ(26.3829, 12.6874, 42.5066)
contains.

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Color

**XYZ(26.5262, 12.7580,
42.6594)**

Conversions

Conversions Part 1

Format	Color
Hex	B300B1
RGB	179, 0, 177
RGB Percent	70%, 0%, 69%
CMY	0.2980, 0.9999, 0.3059
CMYK	0.00, 1.00, 0.01, 0.30
HSL	301°, 100%, 35%
HSV	301°, 100%, 70%
XYZ	26.5262, 12.7580, 42.6594
YIQ	73.6990, 49.8670, 92.9950

Conversions

Conversions Part 2

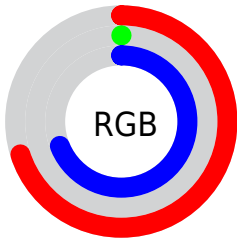
Format	Color
RYB	179, 0, 177
Decimal	11731121
CIELab	42.40, 75.04, -45.66
CIElCh	42, 87.843, 328.679
Yxy	12.7580, 0.3237, 0.1557
Android (android.graphics.Color)	4289921201 (0xFFB300B1)
YUV	73.6990, 50.9274, 92.3490
Hunter-Lab	35.7183, 70.0558, -45.8088

Details

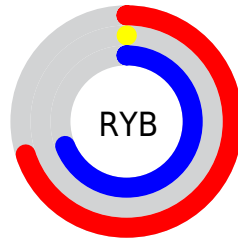
The XYZ color **26.5262, 12.7580, 42.6594** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **16.1316, 32.2452, 5.4317**, and the grayscale version is **6.3646, 6.6960, 7.2920**.

A 20% lighter version of the original color is **53.6324, 30.8895, 80.2263**, and **11.5232, 5.5202, 19.5269** is the 20% darker color. If you saturate the color by 10%, you get **26.5265, 12.7582, 42.6595**, and if you desaturate by 10%, it is **26.7615, 13.1962, 42.8364**.

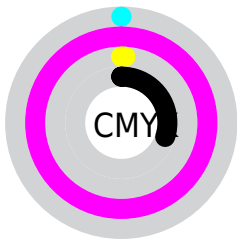
Distribution



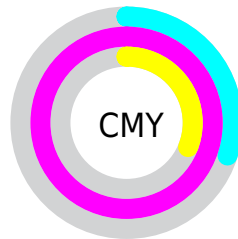
- Red (70%)
- Green (0%)
- Blue (69%)



- Red (70%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (30%)





- Cyan (30%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5262, 12.7580, 42.6594 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 26.5262, 12.7580, 42.6594 by changing the saturation by 10% instead.

 26.5262, 12.7580,
42.6594


 26.5262, 12.7580,
42.6594


277.5653,
209.3609, 373.0892


 17.3524, 7.2621,
29.2885


 53.5479, 30.8683,
80.4775


 10.5830, 3.6266,
19.0518


 72.1266, 44.2516,
105.7618


 5.8524, 1.4669,
11.5305


 94.5709, 61.0327,
135.8543

 2.7953, 0.2653,
6.3062

 121.2463, 81.5962,
171.1736

 1.0465, 0.0000,
2.9604

 152.5180,
106.3263, 212.1381

 0.0000, 0.0000,
1.0744

 188.7516,

 0.0000, 0.0000,

135.6075, 259.1666

0.0000

230.3122,
169.8243, 312.6774

■ 26.5262, 12.7580,
42.6594

■ 26.5262, 12.7580,
42.6594

■ 26.5265, 12.7582,
42.6595

■ 26.7615, 13.1962,
42.8364

■ 27.1919, 14.0250,
43.0785

■ 27.8927, 15.3945,
43.4109

■ 28.8994, 17.3759,
43.8454

■ 30.2424, 20.0298,
44.3921

■ 31.9483, 23.4095,
45.0599

■ 34.0411, 27.5628,
45.8569

■ 36.5426, 32.5335,
46.7902

■ 39.4732, 38.3623,
47.8667

Harmonies

Analogous

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



19.2962, 12.7580, 76.4354



26.5262, 12.7580, 42.6594



29.7615, 12.7580, 14.7462

Triad

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



26.5262, 12.7580, 42.6594



12.4210, 12.7580, 0.0000



4.0502, 12.7580, 39.6660

Complementary

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



26.5262, 12.7580, 42.6594



16.1316, 32.2452, 5.4317

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.



3.3472, 12.7580, 13.0701



26.5262, 12.7580, 42.6594



6.9968, 12.7580, 0.0000

Square

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



26.5262, 12.7580, 42.6594



19.9952, 12.7580, 0.0000



4.1927, 12.7580, 2.2669



6.6515, 12.7580, 73.8534

Rectangle

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



26.5262, 12.7580, 42.6594



28.5672, 12.7580, 5.1973



4.1927, 12.7580, 2.2669



3.6372, 12.7580, 29.0931

Sweetspot

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



26.5267, 12.7586, 42.6597



60.7543, 48.9433, 82.0476



8.1373, 3.2553, 42.8479



13.0982, 10.1250, 18.0406



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.5267, 12.7586, 42.6597



47.5016, 22.8468, 76.3691



20.4156, 10.3141, 10.4787



8.8459, 8.6451, 10.6867



18.7463, 9.0161, 30.1538



0.5911, 0.2842, 0.9556

Inverse Universe

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



26.5267, 12.7586, 42.6597



47.5016, 22.8468, 76.3691



17.9453, 32.9707, 14.9821



8.8459, 8.6451, 10.6867



18.7463, 9.0161, 30.1538



0.5911, 0.2842, 0.9556

Previews

White Background



This preview shows how the XYZ color 26.5262, 12.7580, 42.6594 looks on a white background.

Color Contrast Check

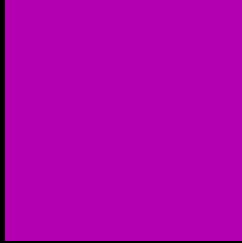
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5262, 12.7580, 42.6594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

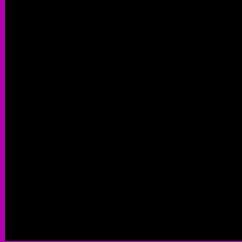
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.5262, 12.7580, 42.6594

Background



This preview shows how black text looks on a background with the XYZ color 26.5262, 12.7580, 42.6594.



This preview shows how white text looks on a background with the XYZ color 26.5262, 12.7580,

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

26.5262, 12.7580, 42.6594

Protanopia

15.9705, 13.5271, 62.0909

Deuteranopia

13.7831, 13.5104, 37.9577



Tritanopia

19.5746, 13.1996, 7.9946

Trichromacy



Original Color

26.5262, 12.7580, 42.6594



Protanomaly

14.0355, 8.7100, 53.7648



Deuteranomaly

15.0296, 9.8020, 39.1300



Tritanomaly

20.8209, 11.7951, 16.2182

Monochromacy



Original Color

26.5262, 12.7580, 42.6594



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.5678, 6.6255, 15.7608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5262, 12.7580, 42.6594 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(179, 0, 177)` looks like.

```
.text, #text, p{  
    color:rgb(179, 0, 177)  
}
```

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(179, 0, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 0, 177) }
```

Border

The CSS property to change the border of an element to XYZ 26.5262, 12.7580, 42.6594 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(179, 0, 177) }
```


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

```
.border{ border-color:rgb(179, 0, 177) }
```

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

Here you see how a box with a 4 pixel rgb(179, 0, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 0, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 0, 177);  
box-shadow:4px 4px 4px 4px rgb(179, 0,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5262, 12.7580, 42.6594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 0, 177) }
```

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

```
.background{ background-color: rgb(179, 0,  
177) }
```

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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