

Converting Colors

XYZ(26.7751, 15.0462, 21.9151)

Have a look what the booklet for
XYZ(26.7751, 15.0462, 21.9151)
contains.

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Color

**XYZ(26.7751, 15.0462,
21.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	C03280
RGB	192, 50, 128
RGB Percent	75%, 20%, 50%
CMY	0.2471, 0.8039, 0.4980
CMYK	0.00, 0.74, 0.33, 0.25
HSL	327°, 59%, 47%
HSV	327°, 74%, 75%
XYZ	26.7751, 15.0462, 21.9151
YIQ	101.3500, 59.5940, 54.3620

Conversions

Conversions Part 2

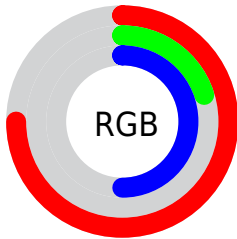
Format	Color
RYB	192, 50, 128
Decimal	12595840
CIELab	45.70, 61.83, -10.83
CIELCh	46, 62.774, 350.062
Yxy	15.0462, 0.4201, 0.2361
Android (android.graphics.Color)	4290785920 (0xFFC03280)
YUV	101.3500, 13.1385, 79.5001
Hunter-Lab	38.7894, 55.3313, -6.3448

Details

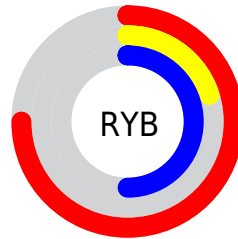
The XYZ color **26.7751, 15.0462, 21.9151** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **23.2033, 39.5927, 22.3415**, and the grayscale version is **12.4174, 13.0641, 14.2268**.

A 20% lighter version of the original color is **53.9540, 34.9689, 47.6220**, and **11.2428, 5.6328, 7.8918** is the 20% darker color. If you saturate the color by 10%, you get **25.5739, 13.5168, 18.8231**, and if you desaturate by 10%, it is **28.3699, 17.2848, 25.3782**.

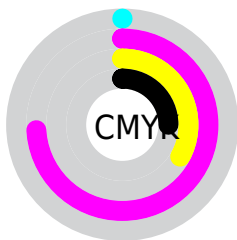
Distribution



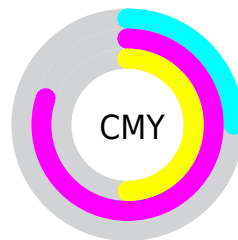
- Red (75%)
- Green (20%)
- Blue (50%)



- Red (75%)
- Yellow (20%)
- Blue (50%)



- Cyan (0%)
- Magenta (74%)
- Yellow (33%)
- Black (25%)



- Cyan (25%)
- Magenta (80%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7751, 15.0462, 21.9151 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 26.7751, 15.0462, 21.9151 by changing the saturation by 10% instead.

■ 26.7751, 15.0462,
21.9151

■ 26.7751, 15.0462,
21.9151

278.7540,
223.6457, 275.0416

■ 17.5401, 8.8518,
13.5968

■ 53.9452, 34.9342,
47.5060

■ 10.7180, 4.6447,
7.7052

■ 72.6110, 49.3966,
65.6157

■ 5.9434, 2.0403,
3.8219

■ 95.1511, 67.3838,
87.8263

■ 2.8510, 0.6307,
1.5281

■ 121.9310, 89.2802,
114.5564

■ 1.0755, 0.0000,
0.2388

■ 153.3158,
115.4702, 146.2244

■ 0.0045, 0.0000,
0.0000

189.6710,

■ 0.0000, 0.0000,

146.3382, 183.2489

0.0000

231.3619,
182.2686, 226.0485

■ 26.7751, 15.0462,
21.9151

■ 26.7751, 15.0462,
21.9151

■ 25.5739, 13.5168,
18.8231

■ 28.3699, 17.2848,
25.3782

■ 24.7173, 12.6010,
16.0797

■ 30.3963, 20.3072,
29.2306

■ 24.3117, 12.2359,
14.5692

■ 32.8893, 24.1813,
33.4895

■ 35.8796, 28.9667,
38.1706

■ 39.3951, 34.7178,
43.2883

■ 43.4617, 41.4846,
48.8564

■ 48.1035, 49.3137,
54.8879

■ 53.3431, 58.2487,
61.3949

■ 59.2019, 68.3308,
68.3893

Harmonies

Analogous

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



23.5559, 15.0462, 42.9454



26.7751, 15.0462, 21.9151



26.0786, 15.0462, 8.3116

Triad

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



26.7751, 15.0462, 21.9151



11.1007, 15.0462, 1.4504



8.7352, 15.0462, 50.2003

Complementary

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



26.7751, 15.0462, 21.9151



23.2033, 39.5927, 22.3415

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.



6.7417, 15.0462, 28.4820



26.7751, 15.0462, 21.9151



7.8567, 15.0462, 3.9267

Square

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



26.7751, 15.0462, 21.9151



16.1208, 15.0462, 1.2029



6.4654, 15.0462, 11.8699



12.6235, 15.0462, 64.7737

Rectangle

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



26.7751, 15.0462, 21.9151



23.5362, 15.0462, 3.9080



6.4654, 15.0462, 11.8699



7.8662, 15.0462, 43.0373

Sweetspot

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



26.7755, 15.0470, 21.9154



72.4931, 64.7436, 79.9958



17.5825, 9.6588, 50.8068



15.1488, 13.2235, 16.5936



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.



26.7755, 15.0470, 21.9154



45.2688, 23.3028, 30.8196



23.6205, 13.7850, 5.3010



10.2995, 10.1684, 11.6675



16.3989, 8.2493, 10.0127



0.7429, 0.3702, 0.6135

Inverse Universe

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



26.7755, 15.0470, 21.9154



45.2688, 23.3028, 30.8196



28.9119, 41.8762, 52.4030



10.2995, 10.1684, 11.6675



16.3989, 8.2493, 10.0127



0.7429, 0.3702, 0.6135

Previews

White Background



This preview shows how the XYZ color 26.7751, 15.0462, 21.9151 looks on a white background.

Color Contrast Check

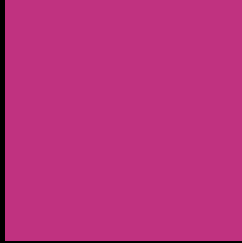
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7751, 15.0462, 21.9151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

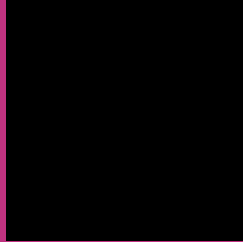
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.7751, 15.0462, 21.9151

Background



This preview shows how black text looks on a background with the XYZ color 26.7751, 15.0462, 21.9151.



This preview shows how white text looks on a background with the XYZ color 26.7751, 15.0462,

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

26.7751, 15.0462, 21.9151

Protanopia

16.2561, 15.3688, 39.1555

Deuteranopia

15.5447, 15.2660, 20.2165



Tritanopia

23.7927, 15.0300, 7.4414

Trichromacy



Original Color

26.7751, 15.0462, 21.9151

Protanomaly

17.5350, 13.3155, 31.7829

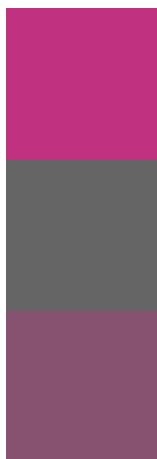
Deuteranomaly

18.1212, 13.8616, 20.7892

Tritanomaly

24.4905, 14.8059, 11.4646

Monochromacy



Original Color

26.7751, 15.0462, 21.9151

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

15.7181, 12.2506, 16.5751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7751, 15.0462, 21.9151 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(192, 50, 128)` looks like.

```
.text, #text, p{  
    color:rgb(192, 50, 128)  
}
```

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(192, 50, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 50, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.7751, 15.0462, 21.9151 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(192, 50, 128) }
```


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

```
.border{ border-color:rgb(192, 50, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 50, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 50, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 50, 128);  
box-shadow:4px 4px 4px 4px rgb(192, 50,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7751, 15.0462, 21.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 50, 128) }
```

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

```
.background{ background-color: rgb(192, 50,  
128) }
```

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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