

Converting Colors

XYZ(26.1286, 13.0156, 21.7432)

Have a look what the booklet for
XYZ(26.1286, 13.0156, 21.7432)
contains.

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Color

**XYZ(26.2106, 13.0543,
21.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	C20081
RGB	194, 0, 129
RGB Percent	76%, 0%, 51%
CMY	0.2392, 0.9999, 0.4941
CMYK	0.00, 1.00, 0.34, 0.24
HSL	320°, 100%, 38%
HSV	320°, 100%, 76%
XYZ	26.2106, 13.0543, 21.9072
YIQ	72.7120, 74.2150, 81.2470

Conversions

Conversions Part 2

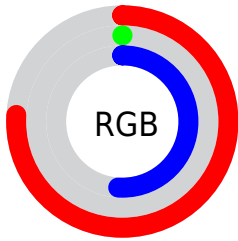
Format	Color
RYB	194, 0, 129
Decimal	12714113
CIELab	42.84, 71.81, -15.74
CIELCh	43, 73.511, 347.638
Yxy	13.0543, 0.4285, 0.2134
Android (android.graphics.Color)	4290904193 (0xFFC20081)
YUV	72.7120, 27.7500, 106.3696
Hunter-Lab	36.1307, 66.2619, -10.6579

Details

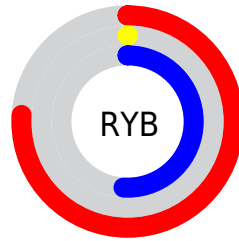
The XYZ color **26.2106, 13.0543, 21.9072** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **20.2473, 38.9659, 11.4598**, and the grayscale version is **6.2300, 6.5545, 7.1378**.

A 20% lighter version of the original color is **53.0917, 31.4538, 47.5289**, and **11.4396, 5.7301, 8.0925** is the 20% darker color. If you saturate the color by 10%, you get **26.2100, 13.0541, 21.9036**, and if you desaturate by 10%, it is **26.8970, 13.7133, 24.3365**.

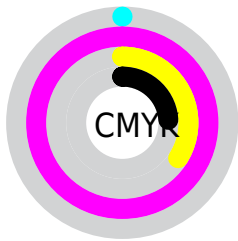
Distribution



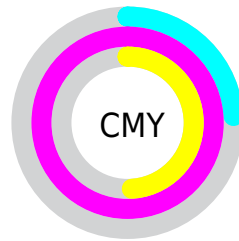
- Red (76%)
- Green (0%)
- Blue (51%)



- Red (76%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (24%)





- Cyan (24%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2106, 13.0543, 21.9072 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 26.2106, 13.0543, 21.9072 by changing the saturation by 10% instead.


 26.2106, 13.0543,
21.9072


 26.2106, 13.0543,
21.9072


276.0521,
211.2654, 274.9989


 17.1148, 7.4659,
13.5911


 53.0434, 31.4013,
47.4928

 10.4122, 3.7552,
7.7013


 71.5110, 44.9287,
65.5993


 5.7374, 1.5376,
3.8194

 93.8334, 61.8713,
87.8064

 2.7252, 0.3150,
1.5268

 120.3757, 82.6135,
114.5326

 1.0102, 0.0000,
0.2378

 151.5034,
107.5395, 146.1964

 0.0000, 0.0000,
0.0000

 187.5818,

137.0340, 183.2163

228.9762,
171.4811, 226.0110

■ 26.2106, 13.0543,
21.9072

■ 26.2106, 13.0543,
21.9072

■ 26.2100, 13.0541,
21.9036

■ 26.8970, 13.7133,
24.3365

■ 27.8509, 14.8624,
26.9930

■ 29.1582, 16.6730,
29.9078

■ 30.8632, 19.2326,
33.0979

■ 33.0035, 22.6157,
36.5782

■ 35.6119, 26.8873,
40.3618

■ 38.7182, 32.1061,
44.4608

■ 42.3495, 38.3258,
48.8863

■ 46.5309, 45.5958,
53.6487

Harmonies

Analogous

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



22.2081, 13.0543, 46.8497



26.2106, 13.0543, 21.9072



25.7897, 13.0543, 6.7570

Triad

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



26.2106, 13.0543, 21.9072



9.4175, 13.0543, 0.2667



6.4658, 13.0543, 51.4472

Complementary

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



26.2106, 13.0543, 21.9072



20.2473, 38.9659, 11.4598

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.



4.7049, 13.0543, 25.7816



26.2106, 13.0543, 21.9072



6.0215, 13.0543, 1.9054

Square

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



26.2106, 13.0543, 21.9072



14.8635, 13.0543, 0.1443



4.5715, 13.0543, 8.5725



10.2385, 13.0543, 70.7934

Rectangle

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



26.2106, 13.0543, 21.9072



23.0612, 13.0543, 2.4633



4.5715, 13.0543, 8.5725



5.6755, 13.0543, 42.6613

Sweetspot

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



26.2110, 13.0550, 21.9074



69.8489, 57.6613, 80.1726



11.8973, 5.0089, 51.3788



14.7455, 11.6974, 16.8446



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.2110, 13.0550, 21.9074



47.3622, 23.6012, 39.0332



22.5142, 11.5763, 2.4401



10.3492, 10.1883, 11.9293



17.2716, 8.5984, 14.6084



0.7772, 0.3839, 0.7943

Inverse Universe

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



26.2110, 13.0550, 21.9074



47.3622, 23.6012, 39.0332



25.7847, 41.1808, 40.6195



10.3492, 10.1883, 11.9293



17.2716, 8.5984, 14.6084



0.7772, 0.3839, 0.7943

Previews

White Background



This preview shows how the XYZ color 26.2106, 13.0543, 21.9072 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 26.2106, 13.0543, 21.9072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

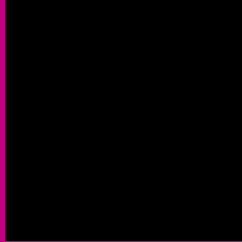
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.2106, 13.0543, 21.9072

Background



This preview shows how black text looks on a background with the XYZ color 26.2106, 13.0543, 21.9072.



This preview shows how white text looks on a background with the XYZ color 26.2106, 13.0543,

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

26.2106, 13.0543, 21.9072

Protanopia

15.4198, 13.8580, 47.2096

Deuteranopia

13.9877, 13.7276, 19.6818



Tritanopia

22.8127, 13.4435, 4.7607

Trichromacy



Original Color

26.2106, 13.0543, 21.9072



Protanomaly

15.0898, 9.7266, 36.2041



Deuteranomaly

15.8898, 10.5001, 19.9281



Tritanomaly

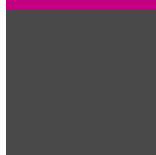
23.4876, 12.7035, 8.9987

Monochromacy



Original Color

26.2106, 13.0543, 21.9072



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.2889, 6.5262, 11.0733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2106, 13.0543, 21.9072 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(194, 0, 129)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 129)  
}
```

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(194, 0, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 129) }
```

Border

The CSS property to change the border of an element to XYZ 26.2106, 13.0543, 21.9072 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(194, 0, 129) }
```


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

```
.border{ border-color:rgb(194, 0, 129) }
```

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

Here you see how a box with a 4 pixel rgb(194, 0, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 129);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2106, 13.0543, 21.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 129) }
```

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

```
.background{ background-color: rgb(194, 0,  
129) }
```

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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