

Converting Colors

XYZ(26.4326, 13.3696, 12.8439)

Have a look what the booklet for
XYZ(26.4326, 13.3696, 12.8439)
contains.

XYZ(26.2920, 13.2993, 12.7366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.2920, 13.2993,
12.7366)**

Conversions

Conversions Part 1

Format	Color
Hex	C90062
RGB	201, 0, 98
RGB Percent	79%, 0%, 38%
CMY	0.2118, 0.9999, 0.6157
CMYK	0.00, 1.00, 0.51, 0.21
HSL	331°, 100%, 39%
HSV	331°, 100%, 79%
XYZ	26.2920, 13.2993, 12.7366
YIQ	71.2710, 88.3380, 73.0900

Conversions

Conversions Part 2

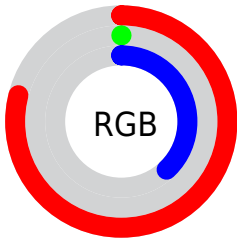
Format	Color
R_{YB}	201, 0, 98
Decimal	13172834
CIE _{Lab}	43.21, 70.57, 4.28
CIE _{LCh}	43, 70.696, 3.467
Yxy	13.2993, 0.5024, 0.2542
Android (android.graphics.Color)	4291362914 (0xFFC90062)
YUV	71.2710, 13.1774, 113.7723
Hunter-Lab	36.4682, 64.8714, 4.8206

Details

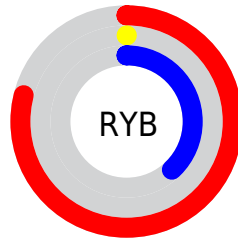
The XYZ color **26.2920, 13.2993, 12.7366** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **23.3370, 42.7534, 19.8634**, and the grayscale version is **6.0062, 6.3190, 6.8814**.

A 20% lighter version of the original color is **49.9935, 30.2145, 31.2140**, and **11.4351, 5.8234, 3.7701** is the 20% darker color. If you saturate the color by 10%, you get **26.2911, 13.2990, 12.7321**, and if you desaturate by 10%, it is **27.0628, 14.0117, 15.5500**.

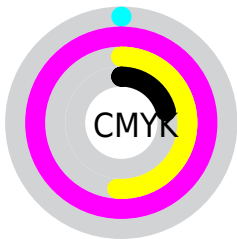
Distribution



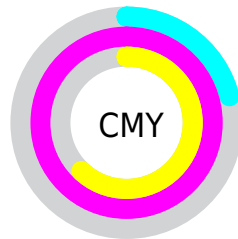
- Red (79%)
- Green (0%)
- Blue (38%)



- Red (79%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (21%)





- Cyan (21%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2920, 13.2993, 12.7366 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 26.2920, 13.2993, 12.7366 by changing the saturation by 10% instead.


 26.2920, 13.2993,
12.7366


 26.2920, 13.2993,
12.7366


276.4430,
212.8270, 220.3708


 17.1760, 7.6350,
7.1188


 53.1736, 31.8405,
31.5140


 10.4562, 3.8623,
3.4570


 71.6699, 45.4861,
45.5107


 5.7670, 1.5968,
1.3324


 94.0238, 62.5609,
63.1374

 2.7432, 0.3555,
0.0881

 120.6005, 83.4493,
84.8127

 1.0195, 0.0000,
0.0000

 151.7654,
108.5358, 110.9552

 0.0000, 0.0000,
0.0000

 187.8839,

138.2046, 141.9833

229.3213,
172.8402, 178.3157

■ 26.2920, 13.2993,
12.7366

■ 26.2920, 13.2993,
12.7366

■ 26.2911, 13.2990,
12.7321

■ 27.0628, 14.0117,
15.5500

■ 28.1601, 15.2734,
18.7922

■ 29.6770, 17.2669,
22.5047

■ 31.6634, 20.0889,
26.7144

■ 34.1616, 23.8211,
31.4448

■ 37.2091, 28.5352,
36.7178

■ 40.8396, 34.2958,
42.5534

■ 45.0840, 41.1619,
48.9706

■ 49.9708, 49.1880,
55.9871

Harmonies

Analogous

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



24.5601, 13.2993, 32.5056



26.2920, 13.2993, 12.7366



23.5842, 13.2993, 3.4198

Triad

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



26.2920, 13.2993, 12.7366



7.6877, 13.2993, 1.0907



8.5048, 13.2993, 61.5155

Complementary

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



26.2920, 13.2993, 12.7366



23.3370, 42.7534, 19.8634

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.



5.7467, 13.2993, 38.2123



26.2920, 13.2993, 12.7366



5.3793, 13.2993, 4.7705

Square

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



26.2920, 13.2993, 12.7366



12.0160, 13.2993, 0.2751



4.7873, 13.2993, 16.3771



13.2865, 13.2993, 70.0488

Rectangle

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



26.2920, 13.2993, 12.7366



19.9815, 13.2993, 1.2638



4.7873, 13.2993, 16.3771



7.3619, 13.2993, 54.5986

Sweetspot

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



26.2923, 13.3001, 12.7368



69.6278, 58.2472, 72.3978



15.8559, 6.9567, 55.7653



14.3117, 11.5239, 14.5601



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.



26.2923, 13.3001, 12.7368



44.8975, 22.7230, 21.1900



24.0879, 12.4183, 1.1284



10.8457, 10.7217, 12.1708



16.5768, 8.3803, 8.2475



0.8215, 0.4114, 0.5831

Inverse Universe

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



26.2923, 13.3001, 12.7368



44.8975, 22.7230, 21.1900



31.4296, 45.9905, 62.4787



10.8457, 10.7217, 12.1708



16.5768, 8.3803, 8.2475



0.8215, 0.4114, 0.5831

Previews

White Background



This preview shows how the XYZ color 26.2920, 13.2993, 12.7366 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 26.2920, 13.2993, 12.7366 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 26.2920, 13.2993, 12.7366

Background



This preview shows how black text looks on a background with the XYZ color 26.2920, 13.2993, 12.7366.



This preview shows how white text looks on a background with the XYZ color 26.2920, 13.2993,

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

26.2920, 13.2993, 12.7366

Protanopia

14.2469, 13.9806, 27.5388

Deuteranopia

14.1484, 13.8456, 11.5996



Tritanopia

24.3804, 13.6033, 3.2602

Trichromacy



Original Color

26.2920, 13.2993, 12.7366

Protanomaly

15.2298, 10.3083, 20.9257

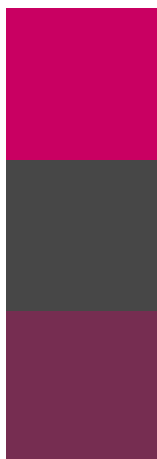
Deuteranomaly

16.2036, 10.8467, 11.5955

Tritanomaly

24.7164, 13.1636, 5.5131

Monochromacy



Original Color

26.2920, 13.2993, 12.7366

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.8948, 6.3224, 8.4834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2920, 13.2993, 12.7366 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(201, 0, 98)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 98)  
}
```

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(201, 0, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 98) }
```

Border

The CSS property to change the border of an element to XYZ 26.2920, 13.2993, 12.7366 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(201, 0, 98) }
```


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

```
.border{ border-color:rgb(201, 0, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 0, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 98);  
box-shadow:4px 4px 4px 4px rgb(201, 0, 98)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.2920, 13.2993, 12.7366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 98) }
```

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

```
.background{ background-color: rgb(201, 0,  
98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor