

Converting Colors

XYZ(13.2838, 6.2743, 26.5437)

Have a look what the booklet for
XYZ(13.2838, 6.2743, 26.5437)
contains.

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Color

**XYZ(13.2701, 6.2683,
26.4971)**

Conversions

Conversions Part 1

Format	Color
Hex	7C008F
RGB	124, 0, 143
RGB Percent	49%, 0%, 56%
CMY	0.5137, 1.0000, 0.4392
CMYK	0.13, 1.00, 0.00, 0.44
HSL	292°, 100%, 28%
HSV	292°, 100%, 56%
XYZ	13.2701, 6.2683, 26.4971
YIQ	53.3780, 28.0010, 70.7610

Conversions

Conversions Part 2

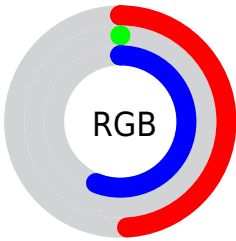
Format	Color
R_{YB}	124, 0, 143
Decimal	8126607
CIE _{Lab}	30.08, 60.77, -45.42
CIE _{LCh}	30, 75.866, 323.226
Yxy	6.2683, 0.2883, 0.1362
Android (android.graphics.Color)	4286316687 (0xFF7C008F)
YUV	53.3780, 44.1836, 61.9355
Hunter-Lab	25.0366, 50.7961, -45.2231

Details

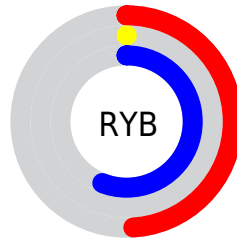
The XYZ color **13.2701, 6.2683, 26.4971** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **10.0913, 19.7836, 3.2870**, and the grayscale version is **3.3762, 3.5520, 3.8681**.

A 20% lighter version of the original color is **31.3328, 18.4152, 55.3292**, and **4.4576, 2.0748, 10.2908** is the 20% darker color. If you saturate the color by 10%, you get **13.2701, 6.2682, 26.4972**, and if you desaturate by 10%, it is **13.7088, 6.7338, 26.5639**.

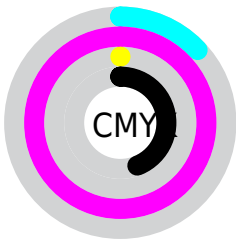
Distribution



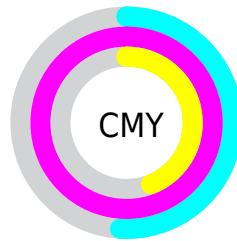
- Red (49%)
- Green (0%)
- Blue (56%)



- Red (49%)
- Yellow (0%)
- Blue (56%)



- Cyan (13%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (51%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2701, 6.2683, 26.4971 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 13.2701, 6.2683, 26.4971 by changing the saturation by 10% instead.

13.2701, 6.2683,
26.4971

13.2701, 6.2683,
26.4971

206.2443,
161.4375, 298.8966

7.6931, 3.0089,
16.9668

31.3854, 18.4853,
55.0697

3.9493, 1.1364,
10.0491

44.6544, 28.2117,
74.9491

1.6735, 0.0088,
5.3255

61.2180, 40.8626,
99.1152

0.4396, 0.0000,
2.3774

81.4418, 56.8223,
127.9867


0.0000, 0.0000,
0.7741


105.6909, 76.4752,
161.9821


0.0000, 0.0000,
0.0000


134.3308,


100.2058, 201.5198

 167.7268,
128.3984, 247.0185

 13.2701, 6.2683,
26.4971

 13.2701, 6.2683,
26.4971


 13.2701, 6.2682,
26.4972

 13.7088, 6.7338,
26.5639

 14.2600, 7.4167,
26.6667

 14.9787, 8.4266,
26.8237

 15.8850, 9.8037,
27.0418

 16.9960, 11.5823,
27.3265

■ 18.3270, 13.7928,
27.6830

■ 19.8917, 16.4626,
28.1159

■ 21.7028, 19.6169,
28.6293

■ 23.7719, 23.2791,
29.2271

Harmonies

Analogous

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



9.0760, 6.2683, 45.1722



13.2701, 6.2683, 26.4971



15.6338, 6.2683, 9.4010

Triad

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



13.2701, 6.2683, 26.4971



6.8000, 6.2683, 0.0000



1.6285, 6.2683, 17.8038

Complementary

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



13.2701, 6.2683, 26.4971



10.0913, 19.7836, 3.2870

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.



1.4247, 6.2683, 4.7688



13.2701, 6.2683, 26.4971



3.6507, 6.2683, 0.0000

Square

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



13.2701, 6.2683, 26.4971



11.0508, 6.2683, 0.0000



1.9918, 6.2683, 0.4505



2.7341, 6.2683, 37.5201

Rectangle

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



13.2701, 6.2683, 26.4971



15.3814, 6.2683, 3.2579



1.9918, 6.2683, 0.4505



1.4767, 6.2683, 12.3469

Sweetspot

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



13.2704, 6.2686, 26.4972



35.4302, 29.1496, 50.2971



5.1922, 2.4515, 26.1862



7.8728, 6.2520, 11.4640



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



13.2704, 6.2686, 26.4972



23.6608, 11.1719, 47.4474



13.1977, 6.5878, 10.3767



5.5568, 5.4752, 6.7927



11.7458, 5.5488, 23.4290



0.1249, 0.0596, 0.2246

Inverse Universe

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



11.4455, 5.8869, 1.1496



20.4588, 10.5269, 1.8583



10.4524, 19.8970, 6.5906



5.4363, 5.4350, 5.7953



10.1247, 5.2069, 1.0418



0.1013, 0.0516, 0.0338

Previews

White Background



This preview shows how the XYZ color 13.2701, 6.2683, 26.4971 looks on a white background.

Color Contrast Check

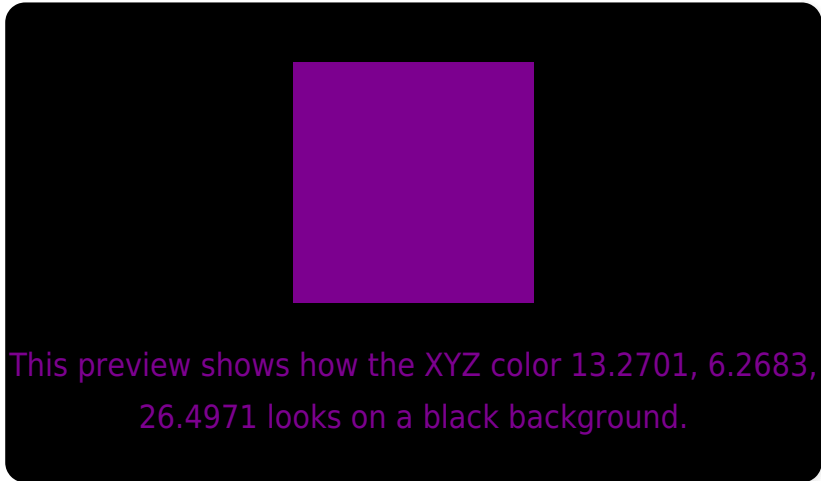
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

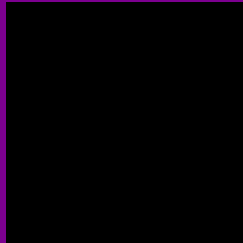
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.2701, 6.2683, 26.4971

Background



This preview shows how black text looks on a background with the XYZ color 13.2701, 6.2683, 26.4971.



This preview shows how white text looks on a background with the XYZ color 13.2701, 6.2683,

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

13.2701, 6.2683, 26.4971

Protanopia

7.8392, 6.7408, 30.1661

Deuteranopia

6.7497, 6.7256, 23.1327



Tritanopia

9.0398, 6.6653, 5.0850

Trichromacy



Original Color

13.2701, 6.2683, 26.4971

Protanomaly

7.3659, 4.5728, 28.5114

Deuteranomaly

6.6545, 4.4779, 24.1805

Tritanomaly

9.8125, 5.7818, 10.2717

Monochromacy



Original Color

13.2701, 6.2683, 26.4971

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.4762, 3.4782, 9.1868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2701, 6.2683, 26.4971 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(124, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(124, 0, 143)  
}
```

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(124, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 0, 143) }
```

Border

The CSS property to change the border of an element to XYZ 13.2701, 6.2683, 26.4971 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(124, 0, 143) }
```


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

```
.border{ border-color:rgb(124, 0, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 0, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(124, 0,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2701, 6.2683, 26.4971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 0, 143) }
```

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

```
.background{ background-color: rgb(124, 0,  
143) }
```

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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