

Converting Colors

XYZ(26.7452, 16.5820, 31.1579)

Have a look what the booklet for
XYZ(26.7452, 16.5820, 31.1579)
contains.

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Color

**XYZ(26.7257, 16.5724,
31.0683)**

Conversions

Conversions Part 1

Format	Color
Hex	B44897
RGB	180, 72, 151
RGB Percent	71%, 28%, 59%
CMY	0.2941, 0.7176, 0.4078
CMYK	0.00, 0.60, 0.16, 0.29
HSL	316°, 43%, 49%
HSV	316°, 60%, 71%
XYZ	26.7257, 16.5724, 31.0683
YIQ	113.2980, 39.0090, 47.4650

Conversions

Conversions Part 2

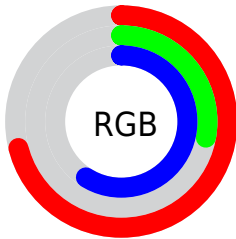
Format	Color
RYB	180, 72, 151
Decimal	11815063
CIELab	47.72, 52.93, -21.81
CIELCh	48, 57.245, 337.602
Yxy	16.5724, 0.3594, 0.2228
Android (android.graphics.Color)	4290005143 (0xFFB44897)
YUV	113.2980, 18.5871, 58.4977
Hunter-Lab	40.7092, 45.9446, -16.7523

Details

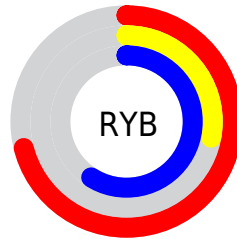
The XYZ color **26.7257, 16.5724, 31.0683** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **21.3436, 34.9605, 17.9366**, and the grayscale version is **15.7236, 16.5424, 18.0147**.

A 20% lighter version of the original color is **53.7402, 37.5066, 62.1647**, and **10.6884, 5.3571, 12.5273** is the 20% darker color. If you saturate the color by 10%, you get **25.3433, 14.4227, 28.7103**, and if you desaturate by 10%, it is **28.4659, 19.4113, 33.6253**.

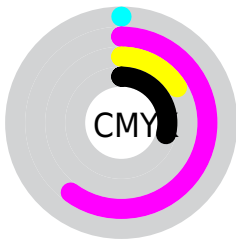
Distribution



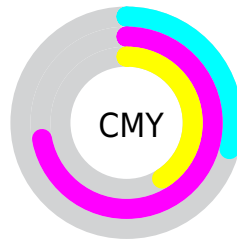
- Red (71%)
- Green (28%)
- Blue (59%)



- Red (71%)
- Yellow (28%)
- Blue (59%)



- Cyan (0%)
- Magenta (60%)
- Yellow (16%)
- Black (29%)



- Cyan (29%)
- Magenta (72%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7257, 16.5724, 31.0683 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 26.7257, 16.5724, 31.0683 by changing the saturation by 10% instead.

■ 26.7257, 16.5724,
31.0683

■ 26.7257, 16.5724,
31.0683

278.5184,
232.6960, 321.2138

■ 17.5028, 9.9301,
20.3920

■ 53.8664, 37.5891,
62.4284

■ 10.6912, 5.3526,
12.4934

■ 72.5149, 52.7323,
83.9493

■ 5.9253, 2.4556,
6.9540

■ 95.0361, 71.4779,
109.9221

■ 2.8400, 0.8543,
3.3554

■ 121.7952, 94.2103,
140.7653

■ 1.0697, 0.0000,
1.2788

■ 153.1576,
121.3140, 176.8976

■ 0.0000, 0.0000,
0.0443

189.4887,

■ 0.0000, 0.0000,

153.1732, 218.7374

0.0000

231.1539,
190.1724, 266.7033

■ 26.7257, 16.5724,
31.0683

■ 26.7257, 16.5724,
31.0683

■ 25.3433, 14.4227,
28.7103

■ 28.4659, 19.4113,
33.6253

■ 24.2862, 12.8985,
26.5391

■ 30.5895, 22.9912,
36.3902

■ 23.5185, 11.9280,
24.5418

■ 33.1214, 27.3615,
39.3726

■ 22.9646, 11.3603,
22.6925

■ 36.0841, 32.5666,
42.5807

■ 22.9645, 11.3602,
22.6919

■ 39.4984, 38.6479,
46.0223

■ 43.3835, 45.6437,
49.7047

■ 47.7577, 53.5902,
53.6350

■ 52.6382, 62.5215,
57.8195

■ 58.0414, 72.4702,
62.2647

Harmonies

Analogous

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



22.5583, 16.5724, 50.8891



26.7257, 16.5724, 31.0683



27.6705, 16.5724, 14.5641

Triad

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



26.7257, 16.5724, 31.0683



14.4841, 16.5724, 2.0395



9.1658, 16.5724, 41.3092

Complementary

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



26.7257, 16.5724, 31.0683



21.3436, 34.9605, 17.9366

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.



7.8668, 16.5724, 22.0394



26.7257, 16.5724, 31.0683



10.4736, 16.5724, 3.6527

Square

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



26.7257, 16.5724, 31.0683



19.8106, 16.5724, 2.5113



8.2873, 16.5724, 9.2890



12.2887, 16.5724, 58.7075

Rectangle

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



26.7257, 16.5724, 31.0683



26.1916, 16.5724, 7.8763



8.2873, 16.5724, 9.2890



8.5360, 16.5724, 34.5237

Sweetspot

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



26.7262, 16.5732, 31.0686



66.4149, 60.7988, 78.2311



15.9009, 10.6862, 44.4050



13.9946, 12.5035, 16.5336



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.



26.7262, 16.5732, 31.0686



45.2706, 25.1388, 50.7478



23.3075, 15.2057, 13.0658



8.7507, 8.6070, 10.1855



16.0567, 7.9402, 15.9905



0.5279, 0.2589, 0.6228

Inverse Universe

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



26.7262, 16.5732, 31.0686



45.2706, 25.1388, 50.7478



24.8941, 36.3807, 36.6333



8.7507, 8.6070, 10.1855



16.0567, 7.9402, 15.9905



0.5279, 0.2589, 0.6228

Previews

White Background



This preview shows how the XYZ color 26.7257, 16.5724, 31.0683 looks on a white background.

Color Contrast Check

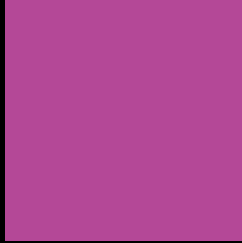
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7257, 16.5724, 31.0683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

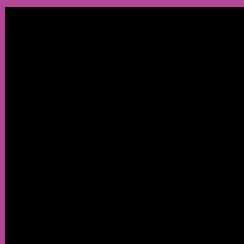
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.7257, 16.5724, 31.0683

Background



This preview shows how black text looks on a background with the XYZ color 26.7257, 16.5724, 31.0683.



This preview shows how white text looks on a background with the XYZ color 26.7257, 16.5724,

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

26.7257, 16.5724, 31.0683

Protanopia

18.1681, 16.9920, 46.5782

Deuteranopia

17.2117, 16.8839, 29.1398



Tritanopia

22.8395, 16.6054, 12.3573

Trichromacy



Original Color

26.7257, 16.5724, 31.0683

Protanomaly

19.5105, 15.5546, 40.5021

Deuteranomaly

19.5328, 15.8069, 29.6253

Tritanomaly

23.9591, 16.4796, 17.8377

Monochromacy



Original Color

26.7257, 16.5724, 31.0683

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

18.5150, 15.5860, 22.1112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7257, 16.5724, 31.0683 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(180, 72, 151)` looks like.

```
.text, #text, p{  
  color:rgb(180, 72, 151)  
}
```

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(180, 72, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 72, 151) }
```

Border

The CSS property to change the border of an element to XYZ 26.7257, 16.5724, 31.0683 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(180, 72, 151) }
```


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

```
.border{ border-color:rgb(180, 72, 151) }
```

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

Here you see how a box with a 4 pixel rgb(180, 72, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 72, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 72, 151);  
box-shadow:4px 4px 4px 4px rgb(180, 72,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7257, 16.5724, 31.0683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 72, 151) }
```

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

```
.background{ background-color: rgb(180, 72,  
151) }
```

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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