

Converting Colors

XYZ(16.0213, 7.7668, 14.0191)

Have a look what the booklet for
XYZ(16.0213, 7.7668, 14.0191)
contains.

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Color

**XYZ(16.0674, 7.9885,
14.0597)**

Conversions

Conversions Part 1

Format	Color
Hex	9B0069
RGB	155, 0, 105
RGB Percent	61%, 0%, 41%
CMY	0.3922, 0.9999, 0.5882
CMYK	0.00, 1.00, 0.32, 0.39
HSL	319°, 100%, 30%
HSV	319°, 100%, 61%
XYZ	16.0674, 7.9885, 14.0597
YIQ	58.3150, 58.6750, 65.5150

Conversions

Conversions Part 2

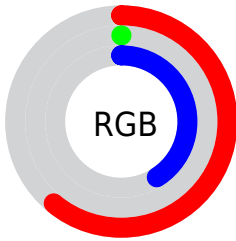
Format	Color
R_{YB}	155, 0, 105
Decimal	10158185
CIE _{Lab}	33.96, 61.12, -14.95
CIE _{LCh}	34, 62.926, 346.254
Yxy	7.9885, 0.4215, 0.2096
Android (android.graphics.Color)	4288348265 (0xFF9B0069)
YUV	58.3150, 23.0157, 84.7927
Hunter-Lab	28.2639, 52.0113, -9.7086

Details

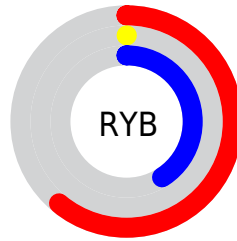
The XYZ color **16.0674, 7.9885, 14.0597** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.2978, 23.6734, 6.9411**, and the grayscale version is **4.0300, 4.2399, 4.6172**.

A 20% lighter version of the original color is **36.3862, 22.0042, 33.7820**, and **5.8007, 2.9022, 4.2574** is the 20% darker color. If you saturate the color by 10%, you get **16.0671, 7.9884, 14.0580**, and if you desaturate by 10%, it is **16.5104, 8.4509, 15.5131**.

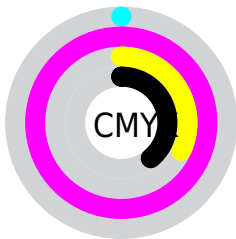
Distribution



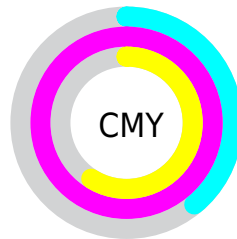
- Red (61%)
- Green (0%)
- Blue (41%)



- Red (61%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (39%)




- Cyan (39%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.0674, 7.9885, 14.0597 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 16.0674, 7.9885, 14.0597 by changing the saturation by 10% instead.


 16.0674, 7.9885,
14.0597


 16.0674, 7.9885,
14.0597


223.0017,
175.6418, 229.0432


 9.6630, 4.0876,
8.0230


 36.2717, 21.9359,
33.9136

 5.2366, 1.7227,
4.0217

 50.8023, 32.7512,
48.5678


 2.4229, 0.4383,
1.6372

 68.7723, 46.6400,
66.9316

 0.8566, 0.0000,
0.3172


 90.5472, 63.9869,
89.4235

 0.0000, 0.0000,
0.0000

 116.4922, 85.1760,
116.4621


 146.9727,


110.5920, 148.4659


 182.3541,
140.6191, 185.8534


 16.0674, 7.9885,
14.0597


 16.0674, 7.9885,
14.0597

 16.0671, 7.9884,
14.0580

 16.5104, 8.4509,
15.5131

 17.1027, 9.1874,
17.0921

 17.9053, 10.3196,
18.8182

 18.9432, 11.8967,
20.7009

 20.2375, 13.9612,
22.7485

■ 21.8072, 16.5502,
24.9683

■ 23.6692, 19.6973,
27.3672

■ 25.8390, 23.4334,
29.9515

■ 28.3312, 27.7870,
32.7269

Harmonies

Analogous

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



13.4880, 7.9885, 29.6593



16.0674, 7.9885, 14.0597



15.9434, 7.9885, 4.3791

Triad

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



16.0674, 7.9885, 14.0597



5.8780, 7.9885, 0.0000



3.8576, 7.9885, 31.0161

Complementary

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



16.0674, 7.9885, 14.0597



12.2978, 23.6734, 6.9411

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.



2.8277, 7.9885, 15.1992



16.0674, 7.9885, 14.0597



3.7279, 7.9885, 1.0540

Square

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



16.0674, 7.9885, 14.0597



9.2869, 7.9885, 0.0000



2.7888, 7.9885, 4.9092



6.1185, 7.9885, 43.4637

Rectangle

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



16.0674, 7.9885, 14.0597



14.3247, 7.9885, 1.5938



2.7888, 7.9885, 4.9092



3.3907, 7.9885, 25.5430

Sweetspot

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



16.0676, 7.9889, 14.0598



42.1742, 34.9096, 48.7456



7.1879, 3.0224, 31.2150



9.2379, 7.3784, 10.6444



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



16.0676, 7.9889, 14.0598



28.6851, 14.2706, 24.7062



13.7327, 7.0549, 1.7639



6.3764, 6.2897, 7.3622



12.9231, 6.4235, 11.3858



0.2096, 0.1026, 0.2568

Inverse Universe

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



16.0676, 7.9889, 14.0598



28.6851, 14.2706, 24.7062



15.5255, 24.9645, 23.9382



6.3764, 6.2897, 7.3622



12.9231, 6.4235, 11.3858



0.2096, 0.1026, 0.2568

Previews

White Background



This preview shows how the XYZ color 16.0674, 7.9885, 14.0597 looks on a white background.

Color Contrast Check

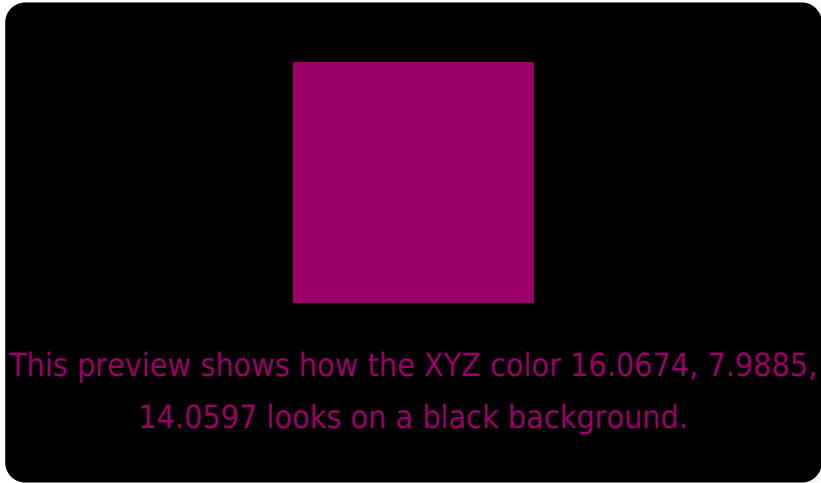
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0674, 7.9885, 14.0597

Background



This preview shows how black text looks on a background with the XYZ color 16.0674, 7.9885, 14.0597.



This preview shows how white text looks on a background with the XYZ color 16.0674, 7.9885,

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

16.0674, 7.9885, 14.0597

Protanopia

9.7141, 8.7398, 30.0291

Deuteranopia

8.8032, 8.6515, 12.7612



Tritanopia

13.9915, 8.3396, 3.1578

Trichromacy



Original Color

16.0674, 7.9885, 14.0597

Protanomaly

9.5556, 6.2519, 23.2574

Deuteranomaly

10.0074, 6.7106, 13.0797

Tritanomaly

14.3017, 7.8075, 5.9075

Monochromacy



Original Color

16.0674, 7.9885, 14.0597

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.4458, 4.1583, 7.1195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0674, 7.9885, 14.0597 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(155, 0, 105)` looks like.

```
.text, #text, p{  
    color:rgb(155, 0, 105)  
}
```

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(155, 0, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 0, 105) }
```

Border

The CSS property to change the border of an element to XYZ 16.0674, 7.9885, 14.0597 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(155, 0, 105) }
```


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

```
.border{ border-color:rgb(155, 0, 105) }
```

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

Here you see how a box with a 4 pixel rgb(155, 0, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 0, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 0, 105);  
box-shadow:4px 4px 4px 4px rgb(155, 0,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0674, 7.9885, 14.0597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 0, 105) }
```

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

```
.background{ background-color: rgb(155, 0,  
105) }
```

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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