

Converting Colors

XYZ(14.0311, 6.7111, 24.9819)

Have a look what the booklet for
XYZ(14.0311, 6.7111, 24.9819)
contains.

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Color

**XYZ(14.0311, 6.7111,
24.9819)**

Conversions

Conversions Part 1

Format	Color
Hex	83018B
RGB	131, 1, 139
RGB Percent	51%, 0%, 55%
CMY	0.4863, 0.9960, 0.4549
CMYK	0.06, 0.99, 0.00, 0.45
HSL	297°, 99%, 27%
HSV	297°, 99%, 55%
XYZ	14.0311, 6.7111, 24.9819
YIQ	55.6020, 33.1820, 70.4780

Conversions

Conversions Part 2

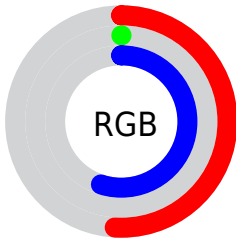
Format	Color
R_{YB}	131, 1, 139
Decimal	8585611
CIE _{Lab}	31.14, 61.06, -41.16
CIE _{LCh}	31, 73.643, 326.016
Yxy	6.7111, 0.3069, 0.1468
Android (android.graphics.Color)	4286775691 (0xFF83018B)
YUV	55.6020, 41.1152, 66.1240
Hunter-Lab	25.9058, 51.3441, -39.0415

Details

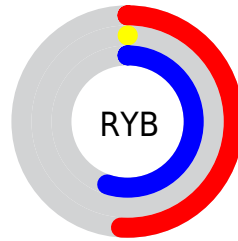
The XYZ color **14.0311, 6.7111, 24.9819** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **9.3510, 18.5256, 3.1120**, and the grayscale version is **3.6550, 3.8453, 4.1876**.

A 20% lighter version of the original color is **32.8135, 19.4392, 52.4748**, and **4.7419, 2.2411, 9.4152** is the 20% darker color. If you saturate the color by 10%, you get **14.0113, 6.6848, 24.9780**, and if you desaturate by 10%, it is **14.3153, 7.0932, 25.0408**.

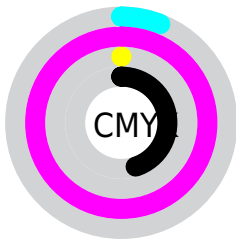
Distribution



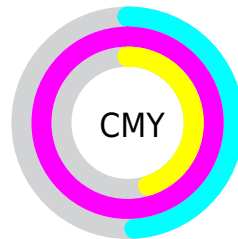
- Red (51%)
- Green (0%)
- Blue (55%)



- Red (51%)
- Yellow (0%)
- Blue (55%)



- Cyan (6%)
- Magenta (99%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0311, 6.7111, 24.9819 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 14.0311, 6.7111, 24.9819 by changing the saturation by 10% instead.

14.0311, 6.7111,
24.9819

14.0311, 6.7111,
24.9819

210.9310,
165.2411, 291.1926

8.2241, 3.2821,
15.8447

32.7300, 19.3896,
52.5916

4.2917, 1.2807,
9.2611

46.3527, 29.4079,
71.9012

1.8685, 0.1262,
4.8128

63.3113, 42.3914,
95.4386

0.5584, 0.0000,
2.0810

83.9712, 58.7246,
123.6224


0.0000, 0.0000,
0.6044


108.6978, 78.7917,
156.8712


0.0000, 0.0000,
0.0000


137.8563,

102.9772, 195.6035


 171.8123,
131.6656, 240.2377

 14.0311, 6.7111,
24.9819

 14.0311, 6.7111,
24.9819


 14.0113, 6.6848,
24.9780

 14.3153, 7.0932,
25.0408

 14.7067, 7.6887,
25.1351

 15.2527, 8.5916,
25.2806

 15.9715, 9.8388,
25.4834

 16.8790, 11.4620,
25.7489

■ 17.9892, 13.4893,
26.0817

■ 19.3149, 15.9460,
26.4860

■ 20.8677, 18.8554,
26.9657

■ 22.6585, 22.2392,
27.5245

Harmonies

Analogous

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



9.9301, 6.7111, 43.6372



14.0311, 6.7111, 24.9819



16.1005, 6.7111, 8.7758

Triad

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



14.0311, 6.7111, 24.9819



6.8727, 6.7111, 0.0000



1.9556, 6.7111, 19.9410

Complementary

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



14.0311, 6.7111, 24.9819



9.3510, 18.5256, 3.1120

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.



1.6600, 6.7111, 6.0124



14.0311, 6.7111, 24.9819



3.7946, 6.7111, 0.0000

Square

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



14.0311, 6.7111, 24.9819



11.0937, 6.7111, 0.0000



2.1829, 6.7111, 0.8758



3.2344, 6.7111, 39.2510

Rectangle

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



14.0311, 6.7111, 24.9819



15.6370, 6.7111, 3.0827



2.1829, 6.7111, 0.8758



1.7650, 6.7111, 14.2720

Sweetspot

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



14.0314, 6.7114, 24.9820



34.2383, 27.9019, 47.3240



4.7837, 2.0923, 24.5779



7.6795, 6.0396, 10.8404



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.0314, 6.7114, 24.9820



25.0433, 11.9462, 44.7289



12.0772, 6.0784, 7.9730



5.2057, 5.1145, 6.3187



12.6508, 6.0359, 22.5439



0.0881, 0.0422, 0.1500

Inverse Universe

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



10.7078, 5.5307, 0.7619



19.1253, 9.8528, 1.1953



10.0824, 18.8066, 7.4862



5.0439, 5.0530, 5.3195



9.6519, 4.9709, 0.6715



0.0655, 0.0336, 0.0115

Previews

White Background



This preview shows how the XYZ color 14.0311, 6.7111, 24.9819 looks on a white background.

Color Contrast Check

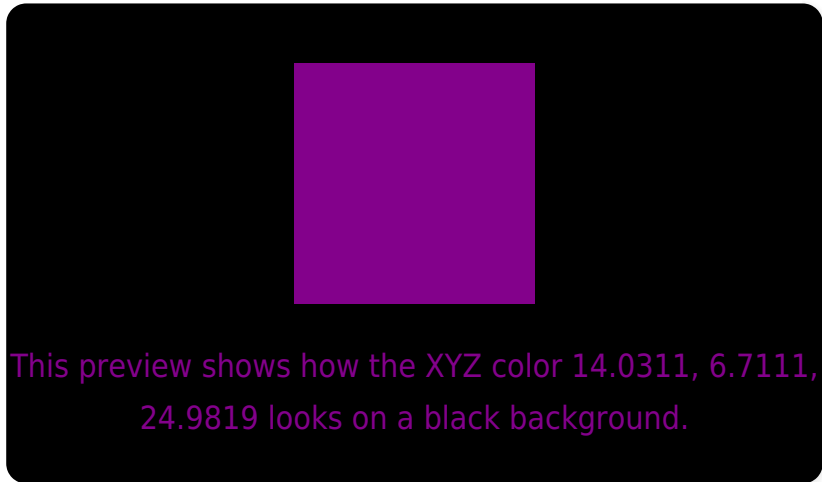
Large Text (above 18pt) WCAG AA ✓ Pass

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

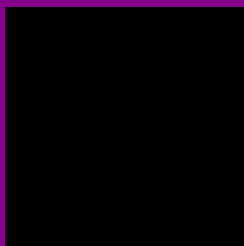
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0311, 6.7111, 24.9819

Background



This preview shows how black text looks on a background with the XYZ color 14.0311, 6.7111, 24.9819.



This preview shows how white text looks on a background with the XYZ color 14.0311, 6.7111, 24.9819.

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

14.0311, 6.7111, 24.9819

Protanopia

8.4495, 7.2979, 32.4158

Deuteranopia

7.4437, 7.3038, 22.4902



Tritanopia

10.1559, 7.1754, 4.8527

Trichromacy



Original Color

14.0311, 6.7111, 24.9819



Protanomaly

7.7405, 4.8634, 29.3849



Deuteranomaly

7.9272, 5.2199, 23.1440



Tritanomaly

10.7788, 6.2502, 9.6551

Monochromacy



Original Color

14.0311, 6.7111, 24.9819



Achromatopsia

3.7589, 3.9546, 4.3066



Achromatomaly

5.8779, 3.7726, 9.2225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0311, 6.7111, 24.9819 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(131, 1, 139)` looks like.

```
.text, #text, p{  
    color:rgb(131, 1, 139)  
}
```

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(131, 1, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 1, 139) }
```

Border

The CSS property to change the border of an element to XYZ 14.0311, 6.7111, 24.9819 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(131, 1, 139) }
```


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

```
.border{ border-color:rgb(131, 1, 139) }
```

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

Here you see how a box with a 4 pixel rgb(131, 1, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 1, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 1, 139);  
box-shadow:4px 4px 4px 4px rgb(131, 1,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0311, 6.7111, 24.9819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 1, 139) }
```

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

```
.background{ background-color: rgb(131, 1,  
139) }
```

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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