

Converting Colors

XYZ(18.2799, 14.4299, 31.3016)

Have a look what the booklet for
XYZ(18.2799, 14.4299, 31.3016)
contains.

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Color

**XYZ(18.3151, 14.4779,
31.1073)**

Conversions

Conversions Part 1

Format	Color
Hex	805C97
RGB	128, 92, 151
RGB Percent	50%, 36%, 59%
CMY	0.4980, 0.6392, 0.4078
CMYK	0.15, 0.39, 0.00, 0.41
HSL	277°, 24%, 48%
HSV	277°, 39%, 59%
XYZ	18.3151, 14.4779, 31.1073
YIQ	109.4900, 2.5170, 25.9810

Conversions

Conversions Part 2

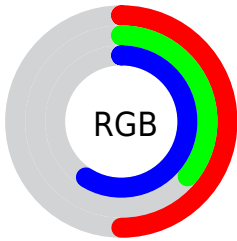
Format	Color
R_{YB}	128, 92, 151
Decimal	8412311
CIE _{Lab}	44.91, 26.25, -26.71
CIE _{LCh}	45, 37.448, 314.509
Yxy	14.4779, 0.2866, 0.2266
Android (android.graphics.Color)	4286602391 (0xFF805C97)
YUV	109.4900, 20.4644, 16.2333
Hunter-Lab	38.0498, 19.3329, -21.8371

Details

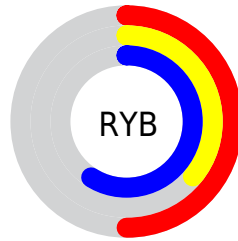
The XYZ color **18.3151, 14.4779, 31.1073** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.0692, 26.5511, 14.1931**, and the grayscale version is **14.6186, 15.3799, 16.7488**.

A 20% lighter version of the original color is **40.1333, 33.9978, 62.2046**, and **6.2992, 4.3747, 12.5690** is the 20% darker color. If you saturate the color by 10%, you get **16.2753, 11.6745, 30.6739**, and if you desaturate by 10%, it is **20.6680, 17.8304, 31.6306**.

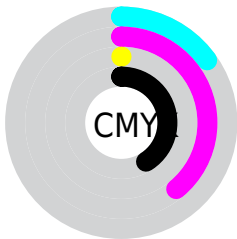
Distribution



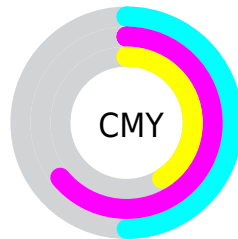
- Red (50%)
- Green (36%)
- Blue (59%)



- Red (50%)
- Yellow (36%)
- Blue (59%)



- Cyan (15%)
- Magenta (39%)
- Yellow (0%)
- Black (41%)



- Cyan (50%)
- Magenta (64%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3151, 14.4779, 31.1073 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 18.3151, 14.4779, 31.1073 by changing the saturation by 10% instead.

■ 18.3151, 14.4779,
31.1073

■ 18.3151, 14.4779,
31.1073

235.6525,
220.1839, 321.3988

■ 11.2775, 8.4538,
20.4214

■ 40.0994, 33.9346,
62.4905

■ 6.3225, 4.3867,
12.5146

■ 55.5768, 48.1360,
84.0249

■ 3.0847, 1.8921,
6.9684

■ 74.5982, 65.8320,
110.0126

■ 1.1987, 0.5436,
3.3642

■ 97.5290, 87.4069,
140.8721

■ 0.1053, 0.0000,
1.2835

124.7344,
113.2452, 177.0219

■ 0.0000, 0.0000,
0.0482

156.5799,

■ 0.0000, 0.0000,

143.7311, 218.8806

0.0000

193.4309,
179.2493, 266.8668

■ 18.3151, 14.4779,
31.1073

■ 18.3151, 14.4779,
31.1073

■ 16.2753, 11.6745,
30.6739

■ 20.6680, 17.8304,
31.6306

■ 14.5307, 9.3869,
30.3243

■ 23.3477, 21.7593,
32.2477

■ 13.0636, 7.5807,
30.0530

■ 26.3686, 26.2920,
32.9634

■ 11.8537, 6.2165,
29.8535

■ 29.7441, 31.4538,
33.7818

■ 10.8773, 5.2484,
29.7181

■ 33.4865, 37.2685,
34.7069

10.0832, 4.5754,
29.6300

37.6077, 43.7584,
35.7424

10.0130, 4.5166,
29.6224

42.1190, 50.9451,
36.8918

47.0311, 58.8489,
38.1585

52.3543, 67.4896,
39.5458

Harmonies

Analogous

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



15.2894, 14.4779, 38.3739



18.3151, 14.4779, 31.1073



20.2508, 14.4779, 20.7105

Triad

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



18.3151, 14.4779, 31.1073



15.3941, 14.4779, 4.4577



8.8113, 14.4779, 20.3776

Complementary

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



18.3151, 14.4779, 31.1073



20.0692, 26.5511, 14.1931

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.



8.8307, 14.4779, 11.6753



18.3151, 14.4779, 31.1073



12.3377, 14.4779, 4.4256

Square

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



18.3151, 14.4779, 31.1073



18.4015, 14.4779, 6.6511



10.0320, 14.4779, 6.5369



9.9743, 14.4779, 30.7870

Rectangle

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



18.3151, 14.4779, 31.1073



20.5051, 14.4779, 14.4750



10.0320, 14.4779, 6.5369



8.6859, 14.4779, 17.1273

Sweetspot

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



18.3156, 14.4785, 31.1076



45.4405, 44.3929, 58.6074



16.1995, 16.9091, 31.6883



10.1822, 9.8706, 13.2861



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.3156, 14.4785, 31.1076



29.5327, 21.4275, 55.0130



21.7086, 16.2816, 28.8273



6.2279, 6.2034, 7.7981



8.5508, 3.8591, 25.2019



0.1684, 0.0786, 0.3787

Inverse Universe

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



19.6847, 15.4721, 18.1694



32.5497, 23.5913, 27.6651



17.6807, 25.2888, 15.4806



6.3035, 6.2606, 6.9784



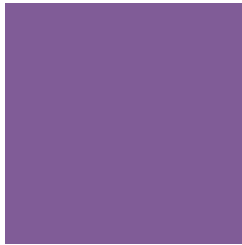
11.5392, 5.8699, 4.0986



0.1895, 0.0946, 0.1510

Previews

White Background



This preview shows how the XYZ color 18.3151, 14.4779, 31.1073 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 18.3151, 14.4779, 31.1073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

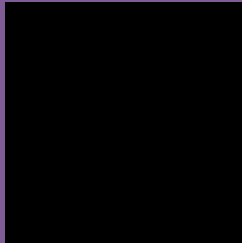
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.3151, 14.4779, 31.1073

Background



This preview shows how black text looks on a background with the XYZ color 18.3151, 14.4779, 31.1073.



This preview shows how white text looks on a background with the XYZ color 18.3151, 14.4779,

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

18.3151, 14.4779, 31.1073

Protanopia

15.4151, 14.7026, 35.7436

Deuteranopia

14.8105, 14.5166, 30.0384



Tritanopia

15.2992, 14.4764, 16.4559

Trichromacy



Original Color

18.3151, 14.4779, 31.1073

Protanomaly

16.1225, 14.3734, 33.8229

Deuteranomaly

15.8077, 14.2875, 30.3584

Tritanomaly

16.3180, 14.4757, 21.0028

Monochromacy



Original Color

18.3151, 14.4779, 31.1073

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.6908, 14.8687, 21.1117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3151, 14.4779, 31.1073 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(128, 92, 151)` looks like.

```
.text, #text, p{  
    color:rgb(128, 92, 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(128, 92, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 92, 151) }
```

Border

The CSS property to change the border of an element to XYZ 18.3151, 14.4779, 31.1073 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(128, 92, 151) }
```


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

```
.border{ border-color:rgb(128, 92, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 92, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 92, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 92, 151);  
box-shadow:4px 4px 4px 4px rgb(128, 92,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3151, 14.4779, 31.1073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 92, 151) }
```

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

```
.background{ background-color: rgb(128, 92,  
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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