

Converting Colors

XYZ(13.2543, 5.0937, 21.2340)

Have a look what the booklet for
XYZ(13.2543, 5.0937, 21.2340)
contains.

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Color

**XYZ(14.1826, 6.8459,
21.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	880082
RGB	136, 0, 130
RGB Percent	53%, 0%, 51%
CMY	0.4667, 1.0000, 0.4902
CMYK	0.00, 1.00, 0.04, 0.47
HSL	303°, 100%, 27%
HSV	303°, 100%, 53%
XYZ	14.1826, 6.8459, 21.6930
YIQ	55.4840, 39.3260, 69.2620

Conversions

Conversions Part 2

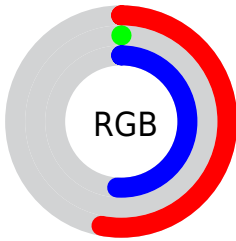
Format	Color
RYB	136, 0, 130
Decimal	8913026
CIELab	31.45, 60.66, -34.99
CIELCh	31, 70.031, 330.020
Yxy	6.8459, 0.3320, 0.1602
Android (android.graphics.Color)	4287103106 (0xFF880082)
YUV	55.4840, 36.7364, 70.6125
Hunter-Lab	26.1647, 50.9680, -30.8418

Details

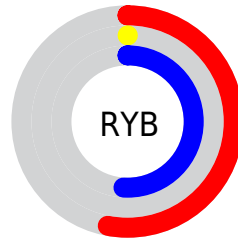
The XYZ color **14.1826, 6.8459, 21.6930** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **8.8373, 17.6218, 3.1081**, and the grayscale version is **3.6447, 3.8345, 4.1758**.

A 20% lighter version of the original color is **33.0928, 19.6957, 47.4049**, and **4.8413, 2.3285, 7.7837** is the 20% darker color. If you saturate the color by 10%, you get **14.1827, 6.8460, 21.6930**, and if you desaturate by 10%, it is **14.3750, 7.1659, 21.9565**.

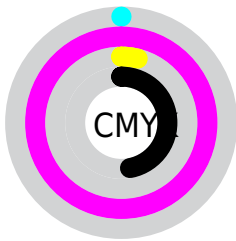
Distribution



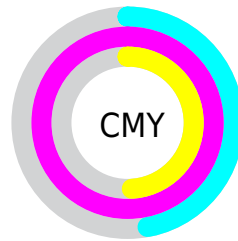
- Red (53%)
- Green (0%)
- Blue (51%)



- Red (53%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (4%)
- Black (47%)



- Cyan (47%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1826, 6.8459, 21.6930 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 14.1826, 6.8459, 21.6930 by changing the saturation by 10% instead.


 14.1826, 6.8459,
21.6930

 14.1826, 6.8459,
21.6930


211.8518,
166.3770, 273.8398


 8.3303, 3.3659,
13.4353


 32.9962, 19.6625,
47.1337


 4.3606, 1.3256,
7.5948


 46.6883, 29.7680,
65.1539


 1.9081, 0.1609,
3.7527

 63.7244, 42.8507,
87.2653

 0.5815, 0.0000,
1.4907

 84.4698, 59.2950,
113.8865


 0.0000, 0.0000,
0.2110


 109.2899, 79.4854,
145.4360

 0.0000, 0.0000,
0.0000


 138.5500,

103.8063, 182.3323

 172.6155,
132.6421, 224.9941


 14.1826, 6.8459,
21.6930

 14.1826, 6.8459,
21.6930


 14.1827, 6.8460,
21.6930

 14.3750, 7.1659,
21.9565

 14.6606, 7.6720,
22.2522

 15.0911, 8.4675,
22.5973

 15.6841, 9.5879,
22.9978

 16.4549, 11.0632,
23.4587

■ 17.4167, 12.9203,
23.9845

■ 18.5817, 15.1834,
24.5792

■ 19.9610, 17.8747,
25.2464

■ 21.5650, 21.0149,
25.9897

Harmonies

Analogous

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



10.4560, 6.8459, 39.3443



14.1826, 6.8459, 21.6930



15.7397, 6.8459, 7.4474

Triad

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



14.1826, 6.8459, 21.6930



6.5045, 6.8459, 0.0000



2.2660, 6.8459, 21.7163

Complementary

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



14.1826, 6.8459, 21.6930



8.8373, 17.6218, 3.1081

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.



1.8505, 6.8459, 7.4606



14.1826, 6.8459, 21.6930



3.7032, 6.8459, 0.0000

Square

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



14.1826, 6.8459, 21.6930



10.4505, 6.8459, 0.0000



2.2648, 6.8459, 1.3971



3.7059, 6.8459, 39.3643

Rectangle

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



14.1826, 6.8459, 21.6930



15.0231, 6.8459, 2.6339



2.2648, 6.8459, 1.3971



2.0307, 6.8459, 16.1145

Sweetspot

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



14.1829, 6.8462, 21.6931



32.5997, 26.4724, 43.2424



4.5010, 1.8071, 23.4045



7.3674, 5.7762, 9.9227



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.1829, 6.8462, 21.6931



24.9784, 12.0584, 38.1478



11.0640, 5.5987, 5.2696



5.2245, 5.1252, 6.2706



13.4243, 6.4798, 20.5362



0.0905, 0.0436, 0.1436

Inverse Universe

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



14.1829, 6.8462, 21.6931



24.9784, 12.0584, 38.1478



9.9917, 18.0836, 9.1872



5.2245, 5.1252, 6.2706



13.4243, 6.4798, 20.5362



0.0905, 0.0436, 0.1436

Previews

White Background



This preview shows how the XYZ color 14.1826, 6.8459, 21.6930 looks on a white background.

Color Contrast Check

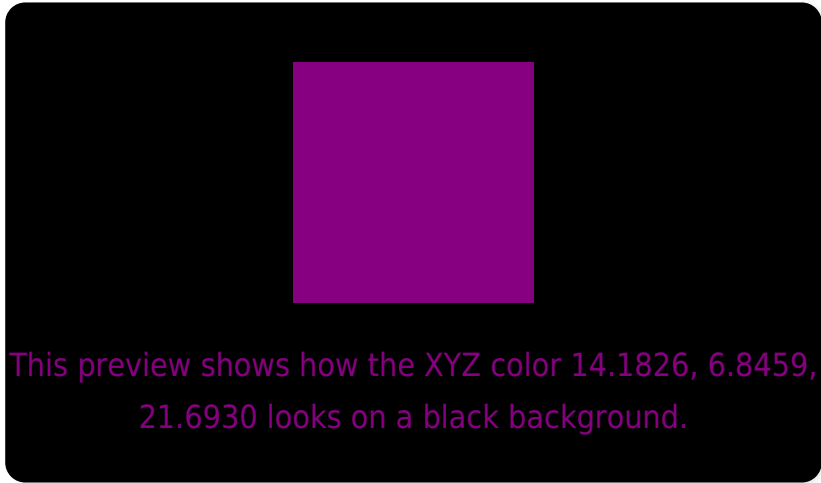
Large Text (above 18pt) WCAG AA ✓ Pass

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

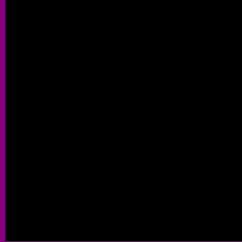
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1826, 6.8459, 21.6930

Background



This preview shows how black text looks on a background with the XYZ color 14.1826, 6.8459, 21.6930.



This preview shows how white text looks on a background with the XYZ color 14.1826, 6.8459,

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

14.1826, 6.8459, 21.6930

Protanopia

8.6203, 7.3662, 33.3152

Deuteranopia

7.5829, 7.4430, 19.4493



Tritanopia

10.7518, 7.2232, 4.3176

Trichromacy



Original Color

14.1826, 6.8459, 21.6930



Protanomaly

7.6284, 4.8241, 28.5461



Deuteranomaly

8.3673, 5.5163, 20.0258



Tritanomaly

11.3996, 6.4675, 8.6302

Monochromacy



Original Color

14.1826, 6.8459, 21.6930



Achromatopsia

3.6313, 3.8204, 4.1605



Achromatomaly

5.7802, 3.6961, 8.3914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1826, 6.8459, 21.6930 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(136, 0, 130)` looks like.

```
.text, #text, p{  
    color:rgb(136, 0, 130)  
}
```

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(136, 0, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 0, 130) }
```

Border

The CSS property to change the border of an element to XYZ 14.1826, 6.8459, 21.6930 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(136, 0, 130) }
```


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

```
.border{ border-color:rgb(136, 0, 130) }
```

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

Here you see how a box with a 4 pixel rgb(136, 0, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(136, 0,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1826, 6.8459, 21.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 0, 130) }
```

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

```
.background{ background-color: rgb(136, 0,  
130) }
```

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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