

Converting Colors

XYZ(13.9522, 6.8858, 14.5304)

Have a look what the booklet for
XYZ(13.9522, 6.8858, 14.5304)
contains.

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Color

**XYZ(13.9815, 6.9012,
14.5051)**

Conversions

Conversions Part 1

Format	Color
Hex	8F006B
RGB	143, 0, 107
RGB Percent	56%, 0%, 42%
CMY	0.4392, 0.9999, 0.5804
CMYK	0.00, 1.00, 0.25, 0.44
HSL	315°, 100%, 28%
HSV	315°, 100%, 56%
XYZ	13.9815, 6.9012, 14.5051
YIQ	54.9550, 50.8810, 63.5930

Conversions

Conversions Part 2

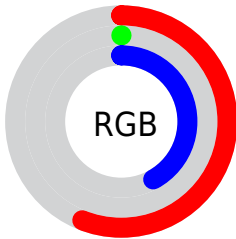
Format	Color
R_{YB}	143, 0, 107
Decimal	9371755
CIE _{Lab}	31.58, 58.85, -20.11
CIE _{LCh}	32, 62.192, 341.135
Yxy	6.9012, 0.3951, 0.1950
Android (android.graphics.Color)	4287561835 (0xFF8F006B)
YUV	54.9550, 25.6582, 77.2155
Hunter-Lab	26.2701, 49.0286, -14.3480

Details

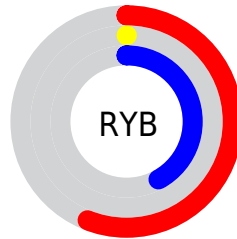
The XYZ color **13.9815, 6.9012, 14.5051** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.1414, 19.7725, 4.9525**, and the grayscale version is **3.5912, 3.7782, 4.1144**.

A 20% lighter version of the original color is **32.5262, 19.6801, 34.8852**, and **4.8139, 2.3905, 4.3454** is the 20% darker color. If you saturate the color by 10%, you get **13.9813, 6.9011, 14.5039**, and if you desaturate by 10%, it is **14.3363, 7.3013, 15.5776**.

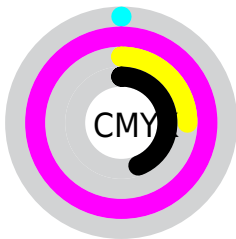
Distribution



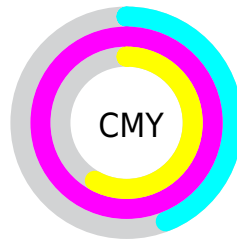
- Red (56%)
- Green (0%)
- Blue (42%)



- Red (56%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (44%)





- Cyan (44%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9815, 6.9012, 14.5051 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 13.9815, 6.9012, 14.5051 by changing the saturation by 10% instead.


 13.9815, 6.9012,
14.5051


 13.9815, 6.9012,
14.5051


210.6286,
166.8402, 231.8875


 8.1894, 3.4004,
8.3301


 32.6427, 19.7742,
34.7125


 4.2692, 1.3442,
4.2161

 46.2426, 29.9151,
49.5820

 1.8555, 0.1750,
1.7446

 63.1758, 43.0382,
68.1867

 0.5508, 0.0000,
0.3910

 83.8076, 59.5279,
90.9452

 0.0000, 0.0000,
0.0000

 108.5034, 79.7686,
118.2760

 137.6287,

104.1446, 150.5976

171.5486,
133.0403, 188.3286

13.9815, 6.9012,
14.5051

13.9815, 6.9012,
14.5051

13.9813, 6.9011,
14.5039

14.3363, 7.3013,
15.5776

14.8065, 7.9193,
16.7279

15.4468, 8.8647,
17.9747

16.2775, 10.1779,
19.3253

17.3158, 11.8930,
20.7858

■ 18.5771, 14.0407,
22.3617

■ 20.0750, 16.6482,
24.0581

■ 21.8223, 19.7408,
25.8797

■ 23.8307, 23.3419,
27.8306

Harmonies

Analogous

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



11.3201, 6.9012, 29.1336



13.9815, 6.9012, 14.5051



14.3292, 6.9012, 4.6734

Triad

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



13.9815, 6.9012, 14.5051



5.4731, 6.9012, 0.0000



3.0134, 6.9012, 25.2955

Complementary

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



13.9815, 6.9012, 14.5051



10.1414, 19.7725, 4.9525

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.



2.2737, 6.9012, 11.3216



13.9815, 6.9012, 14.5051



3.3649, 6.9012, 0.5320

Square

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



13.9815, 6.9012, 14.5051



8.6842, 6.9012, 0.0000



2.3780, 6.9012, 3.2323



4.8130, 6.9012, 38.0619

Rectangle

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



13.9815, 6.9012, 14.5051



13.1075, 6.9012, 1.6889



2.3780, 6.9012, 3.2323



2.6627, 6.9012, 20.2672

Sweetspot

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



13.9817, 6.9016, 14.5052



35.7644, 29.4864, 42.8812



5.6775, 2.3544, 26.1418



7.9597, 6.3390, 9.5655



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



13.9817, 6.9016, 14.5052



24.9670, 12.3302, 25.5982



11.6427, 5.9660, 2.1881



5.5690, 5.4881, 6.4945



12.3708, 6.1053, 12.8698



0.1271, 0.0619, 0.1696

Inverse Universe

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



13.9817, 6.9016, 14.5052



24.9670, 12.3302, 25.5982



12.4899, 20.7119, 17.3197



5.5690, 5.4881, 6.4945



12.3708, 6.1053, 12.8698



0.1271, 0.0619, 0.1696

Previews

White Background



This preview shows how the XYZ color 13.9815, 6.9012, 14.5051 looks on a white background.

Color Contrast Check

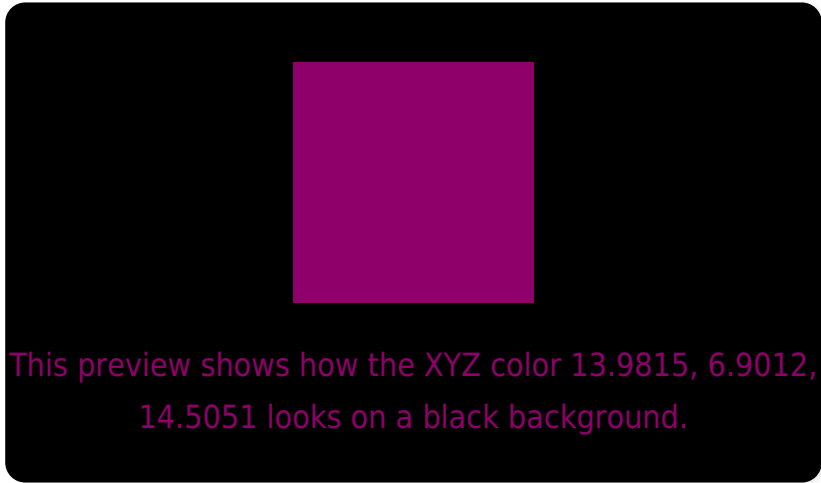
Large Text (above 18pt) WCAG AA ✓ Pass

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

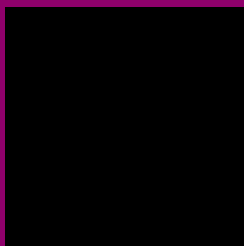
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9815, 6.9012, 14.5051

Background



This preview shows how black text looks on a background with the XYZ color 13.9815, 6.9012, 14.5051.



This preview shows how white text looks on a background with the XYZ color 13.9815, 6.9012,

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

13.9815, 6.9012, 14.5051

Protanopia

8.7190, 7.5752, 30.7084

Deuteranopia

7.6323, 7.5055, 13.1030



Tritanopia

11.7638, 7.2411, 3.1605

Trichromacy



Original Color

13.9815, 6.9012, 14.5051

Protanomaly

8.0994, 5.2311, 23.8754

Deuteranomaly

8.5421, 5.6898, 13.4800

Tritanomaly

12.2203, 6.7646, 5.9718

Monochromacy



Original Color

13.9815, 6.9012, 14.5051

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.7675, 3.7227, 6.8931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9815, 6.9012, 14.5051 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(143, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(143, 0, 107)  
}
```

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(143, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 107) }
```

Border

The CSS property to change the border of an element to XYZ 13.9815, 6.9012, 14.5051 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(143, 0, 107) }
```


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

```
.border{ border-color:rgb(143, 0, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 0, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(143, 0,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9815, 6.9012, 14.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 107) }
```

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

```
.background{ background-color: rgb(143, 0,  
107) }
```

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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