

Converting Colors

XYZ(14.8701, 7.3568, 14.6595)

Have a look what the booklet for
XYZ(14.8701, 7.3568, 14.6595)
contains.

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Color

**XYZ(14.8666, 7.3574,
14.5465)**

Conversions

Conversions Part 1

Format	Color
Hex	94006B
RGB	148, 0, 107
RGB Percent	58%, 0%, 42%
CMY	0.4196, 0.9999, 0.5804
CMYK	0.00, 1.00, 0.28, 0.42
HSL	317°, 100%, 29%
HSV	317°, 100%, 58%
XYZ	14.8666, 7.3574, 14.5465
YIQ	56.4500, 53.8610, 64.6530

Conversions

Conversions Part 2

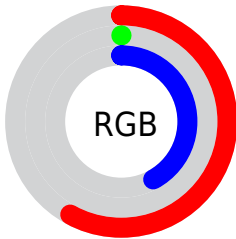
Format	Color
R_{YB}	148, 0, 107
Decimal	9699435
CIE _{Lab}	32.61, 59.88, -18.44
CIE _{LCh}	33, 62.659, 342.888
Yxy	7.3574, 0.4043, 0.2001
Android (android.graphics.Color)	4287889515 (0xFF94006B)
YUV	56.4500, 24.9212, 80.2894
Hunter-Lab	27.1245, 50.3656, -12.8092

Details

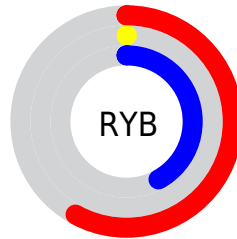
The XYZ color **14.8666, 7.3574, 14.5465** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.9907, 21.3402, 5.6390**, and the grayscale version is **3.7819, 3.9789, 4.3330**.

A 20% lighter version of the original color is **34.2277, 20.6572, 34.9841**, and **5.2031, 2.5911, 4.3636** is the 20% darker color. If you saturate the color by 10%, you get **14.8665, 7.3574, 14.5455**, and if you desaturate by 10%, it is **15.2558, 7.7823, 15.7661**.

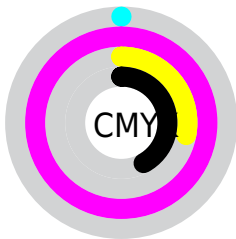
Distribution



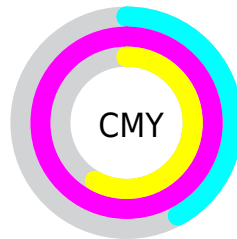
- Red (58%)
- Green (0%)
- Blue (42%)



- Red (58%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (28%)
- Black (42%)





- Cyan (42%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8666, 7.3574, 14.5465 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 14.8666, 7.3574, 14.5465 by changing the saturation by 10% instead.


 14.8666, 7.3574,
14.5465


 14.8666, 7.3574,
14.5465


215.9618,
170.6012, 232.1501

 8.8115, 3.6866,
8.3587


 34.1926, 20.6887,
34.7866


 4.6746, 1.4998,
4.2342

 48.1942, 31.1179,
49.6759

 2.0904, 0.2886,
1.7547

 65.5753, 44.5688,
68.3028

 0.6840, 0.0000,
0.3978


 86.7014, 61.4257,
91.0859


 0.0000, 0.0000,
0.0000

 111.9377, 82.0730,
118.4436


 141.6496,


106.8951, 150.7945

 176.2025,
136.2764, 188.5571

 14.8666, 7.3574,
14.5465


 14.8666, 7.3574,
14.5465


 14.8665, 7.3574,
14.5455

 15.2558, 7.7823,
15.7661

 15.7735, 8.4475,
17.0796

 16.4769, 9.4675,
18.5068

 17.3882, 10.8861,
20.0559

 18.5262, 12.7409,
21.7336

■ 19.9075, 15.0650,
23.5462

■ 21.5473, 17.8884,
25.4993

■ 23.4594, 21.2384,
27.5981

■ 25.6565, 25.1406,
29.8475

Harmonies

Analogous

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



12.1910, 7.3574, 29.7053



14.8666, 7.3574, 14.5465



15.0654, 7.3574, 4.6343

Triad

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



14.8666, 7.3574, 14.5465



5.6848, 7.3574, 0.0000



3.3297, 7.3574, 27.5178

Complementary

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



14.8666, 7.3574, 14.5465



10.9907, 21.3402, 5.6390

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.



2.4867, 7.3574, 12.7243



14.8666, 7.3574, 14.5465



3.5331, 7.3574, 0.7208

Square

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



14.8666, 7.3574, 14.5465



9.0063, 7.3574, 0.0000



2.5472, 7.3574, 3.8017



5.3046, 7.3574, 40.3785

Rectangle

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



14.8666, 7.3574, 14.5465



13.6955, 7.3574, 1.6791



2.5472, 7.3574, 3.8017



2.9368, 7.3574, 22.2651

Sweetspot

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



14.8668, 7.3578, 14.5466



37.8293, 31.2335, 44.7748



6.2004, 2.5792, 28.1882



8.3725, 6.6749, 9.9144



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.8668, 7.3578, 14.5466



26.1553, 12.9514, 25.2662



12.5096, 6.4149, 2.1338



5.9675, 5.8821, 6.9348



12.7102, 6.2891, 12.4866



0.1681, 0.0820, 0.2187

Inverse Universe

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



14.8668, 7.3578, 14.5466



26.1553, 12.9514, 25.2662



13.5974, 22.3829, 19.3657



5.9675, 5.8821, 6.9348



12.7102, 6.2891, 12.4866



0.1681, 0.0820, 0.2187

Previews

White Background



This preview shows how the XYZ color 14.8666, 7.3574, 14.5465 looks on a white background.

Color Contrast Check

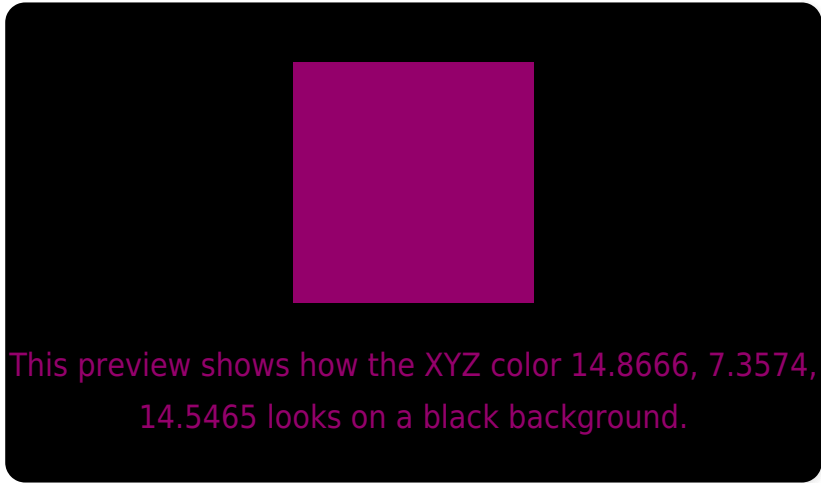
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8666, 7.3574, 14.5465

Background



This preview shows how black text looks on a background with the XYZ color 14.8666, 7.3574, 14.5465.



This preview shows how white text looks on a background with the XYZ color 14.8666, 7.3574,

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

14.8666, 7.3574, 14.5465

Protanopia

9.1207, 7.9868, 30.7667

Deuteranopia

8.0852, 7.9467, 13.1643



Tritanopia

12.6103, 7.6774, 3.2001

Trichromacy



Original Color

14.8666, 7.3574, 14.5465



Protanomaly

8.6841, 5.5939, 23.9146



Deuteranomaly

9.1823, 6.1440, 13.5339



Tritanomaly

13.0821, 7.2089, 6.0121

Monochromacy



Original Color

14.8666, 7.3574, 14.5465



Achromatopsia

3.7589, 3.9546, 4.3066



Achromatomaly

6.0207, 3.8936, 7.0908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8666, 7.3574, 14.5465 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(148, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(148, 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(148, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.8666, 7.3574, 14.5465 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(148, 0, 107) }
```


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

```
.border{ border-color:rgb(148, 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(148, 0, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(148, 0,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8666, 7.3574, 14.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 107) }
```

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

```
.background{ background-color: rgb(148, 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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