

Converting Colors

XYZ(13.2575, 6.8072, 7.0409)

Have a look what the booklet for
XYZ(13.2575, 6.8072, 7.0409)
contains.

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Color

**XYZ(13.3446, 6.8494,
7.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	93074A
RGB	147, 7, 74
RGB Percent	58%, 3%, 29%
CMY	0.4235, 0.9725, 0.7098
CMYK	0.00, 0.95, 0.50, 0.42
HSL	331°, 91%, 30%
HSV	331°, 95%, 58%
XYZ	13.3446, 6.8494, 7.0973
YIQ	56.4980, 61.9330, 50.5170

Conversions

Conversions Part 2

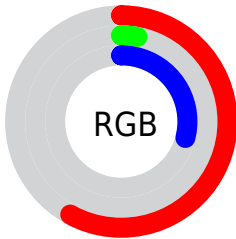
Format	Color
R_{YB}	147, 7, 74
Decimal	9635658
CIE _{Lab}	31.46, 55.30, 1.34
CIE _{LCh}	31, 55.312, 1.389
Yxy	6.8494, 0.4890, 0.2510
Android (android.graphics.Color)	4287825738 (0xFF93074A)
YUV	56.4980, 8.6285, 79.3703
Hunter-Lab	26.1714, 45.2161, 2.2413

Details

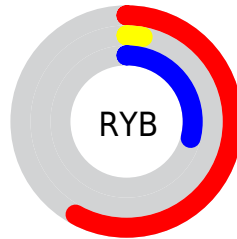
The XYZ color **13.3446, 6.8494, 7.0973** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **11.9702, 21.4921, 11.1106**, and the grayscale version is **3.8082, 4.0065, 4.3631**.

A 20% lighter version of the original color is **31.5509, 19.6958, 20.5511**, and **4.4638, 2.2726, 1.4997** is the 20% darker color. If you saturate the color by 10%, you get **13.1488, 6.6495, 6.4412**, and if you desaturate by 10%, it is **13.8244, 7.3703, 8.6102**.

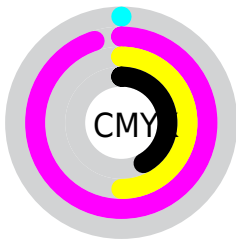
Distribution



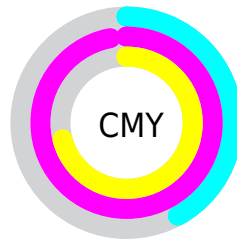
- Red (58%)
- Green (3%)
- Blue (29%)



- Red (58%)
- Yellow (3%)
- Blue (29%)



- Cyan (0%)
- Magenta (95%)
- Yellow (50%)
- Black (42%)





- Cyan (42%)
- Magenta (97%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.3446, 6.8494, 7.0973 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 13.3446, 6.8494, 7.0973 by changing the saturation by 10% instead.


 13.3446, 6.8494,
7.0973


 13.3446, 6.8494,
7.0973


206.7078,
166.4064, 178.1313


 7.7449, 3.3681,
3.4437


 31.5176, 19.6696,
20.6849


 3.9826, 1.3268,
1.3254

 44.8216, 29.7773,
31.4559

 1.6923, 0.1618,
0.0825

 61.4243, 42.8625,
45.4365

 0.4514, 0.0000,
0.0000


 81.6913, 59.3098,
63.0451


 0.0000, 0.0000,
0.0000


 105.9877, 79.5034,
84.7004


 134.6791,


103.8278, 110.8208

 168.1306,
132.6673, 141.8249


 13.3446, 6.8494,
7.0973


 13.3446, 6.8494,
7.0973


 13.1488, 6.6495,
6.4412

 13.8244, 7.3703,
8.6102

 14.4934, 8.2172,
10.3467

 15.3792, 9.4441,
12.3212

 16.5028, 11.0914,
14.5454

 17.8824, 13.1939,
17.0300

■ 19.5345, 15.7830,
19.7849

■ 21.4738, 18.8871,
22.8195

■ 23.7144, 22.5325,
26.1424

■ 26.2689, 26.7438,
29.7619

Harmonies

Analogous

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



12.3333, 6.8494, 17.2968



13.3446, 6.8494, 7.0973



12.1384, 6.8494, 2.0287

Triad

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



13.3446, 6.8494, 7.0973



4.1289, 6.8494, 0.4913



4.2947, 6.8494, 30.1707

Complementary

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



13.3446, 6.8494, 7.0973



11.9702, 21.4921, 11.1106

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.



2.9628, 6.8494, 18.4330



13.3446, 6.8494, 7.0973



2.8877, 6.8494, 2.3071

Square

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



13.3446, 6.8494, 7.0973



6.3830, 6.8494, 0.0000



2.5295, 6.8494, 7.8304



6.6390, 6.8494, 35.0939

Rectangle

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



13.3446, 6.8494, 7.0973



10.3926, 6.8494, 0.7707



2.5295, 6.8494, 7.8304



3.7396, 6.8494, 26.6154

Sweetspot

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



13.3448, 6.8498, 7.0974



36.8737, 31.2776, 38.4285



8.5956, 3.9359, 27.9103



8.1149, 6.6569, 8.2951



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.



13.3448, 6.8498, 7.0974



23.4594, 11.8730, 11.0693



12.1725, 6.4214, 0.7995



5.9094, 5.8588, 6.6292



11.4118, 5.7698, 5.6494



0.1544, 0.0765, 0.1468

Inverse Universe

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



13.3448, 6.8498, 7.0974



23.4594, 11.8730, 11.0693



15.4288, 22.3009, 31.0949



5.9094, 5.8588, 6.6292



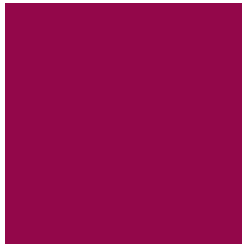
11.4118, 5.7698, 5.6494



0.1544, 0.0765, 0.1468

Previews

White Background



This preview shows how the XYZ color 13.3446, 6.8494, 7.0973 looks on a white background.

Color Contrast Check

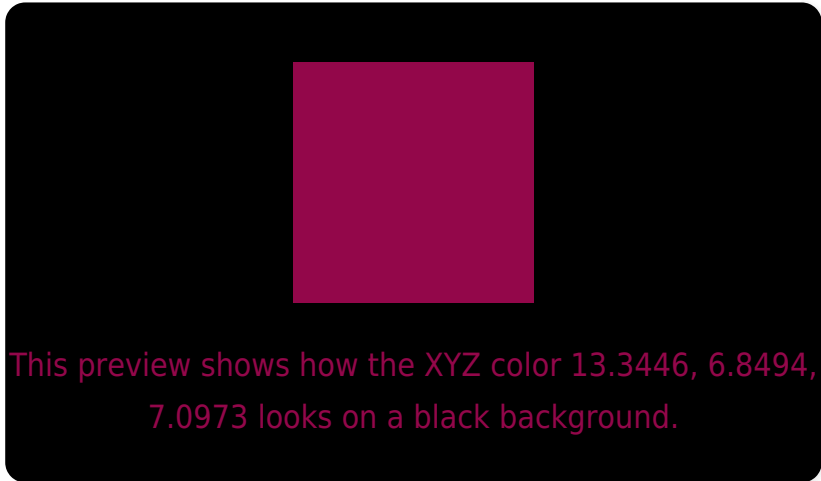
Large Text (above 18pt) WCAG AA ✓ Pass

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

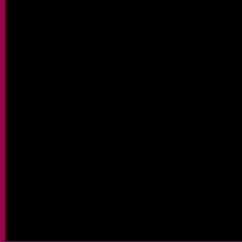
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.3446, 6.8494, 7.0973

Background



This preview shows how black text looks on a background with the XYZ color 13.3446, 6.8494, 7.0973.



This preview shows how white text looks on a background with the XYZ color 13.3446, 6.8494,

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

13.3446, 6.8494, 7.0973

Protanopia

7.5530, 7.4237, 14.9448

Deuteranopia

7.4226, 7.3412, 6.4946



Tritanopia

12.3757, 7.0420, 1.9353

Trichromacy



Original Color

13.3446, 6.8494, 7.0973

Protanomaly

8.0733, 5.6807, 11.4974

Deuteranomaly

8.5528, 5.9746, 6.4968

Tritanomaly

12.6341, 6.8821, 3.2472

Monochromacy



Original Color

13.3446, 6.8494, 7.0973

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

5.8392, 3.9836, 5.1638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3446, 6.8494, 7.0973 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(147, 7, 74)` looks like.

```
.text, #text, p{  
    color:rgb(147, 7, 74)  
}
```

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(147, 7, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 7, 74) }
```

Border

The CSS property to change the border of an element to XYZ 13.3446, 6.8494, 7.0973 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(147, 7, 74) }
```


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

```
.border{ border-color:rgb(147, 7, 74) }
```

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

Here you see how a box with a 4 pixel rgb(147, 7, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 7, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 7, 74);  
box-shadow:4px 4px 4px 4px rgb(147, 7, 74)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.3446, 6.8494, 7.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 7, 74) }
```

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

```
.background{ background-color: rgb(147, 7,  
74) }
```

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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