

Converting Colors

XYZ(13.7814, 6.8687, 11.3027)

Have a look what the booklet for
XYZ(13.7814, 6.8687, 11.3027)
contains.

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Color

**XYZ(13.6974, 6.8279,
11.1857)**

Conversions

Conversions Part 1

Format	Color
Hex	91005E
RGB	145, 0, 94
RGB Percent	57%, 0%, 37%
CMY	0.4314, 0.9999, 0.6314
CMYK	0.00, 1.00, 0.35, 0.43
HSL	321°, 100%, 28%
HSV	321°, 100%, 57%
XYZ	13.6974, 6.8279, 11.1857
YIQ	54.0710, 56.2460, 59.9740

Conversions

Conversions Part 2

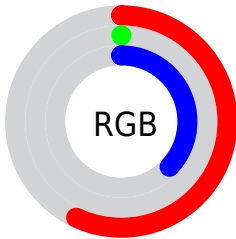
Format	Color
R_{YB}	145, 0, 94
Decimal	9502814
CIE _{Lab}	31.41, 57.78, -11.92
CIE _{LCh}	31, 58.998, 348.339
Yxy	6.8279, 0.4319, 0.2153
Android (android.graphics.Color)	4287692894 (0xFF91005E)
YUV	54.0710, 19.6850, 79.7447
Hunter-Lab	26.1303, 47.8412, -7.0894

Details

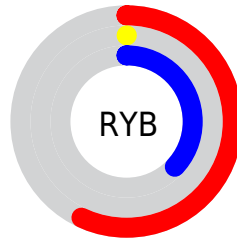
The XYZ color **13.6974, 6.8279, 11.1857** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.7235, 20.4900, 6.5238**, and the grayscale version is **3.4879, 3.6696, 3.9962**.

A 20% lighter version of the original color is **32.1114, 19.6077, 28.4778**, and **4.6533, 2.3372, 3.0022** is the 20% darker color. If you saturate the color by 10%, you get **13.6971, 6.8278, 11.1842**, and if you desaturate by 10%, it is **14.0981, 7.2507, 12.4862**.

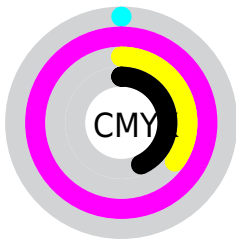
Distribution



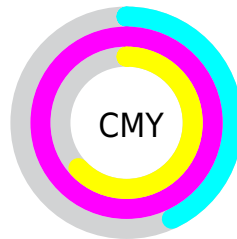
- Red (57%)
- Green (0%)
- Blue (37%)



- Red (57%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (43%)





- Cyan (43%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.6974, 6.8279, 11.1857 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 13.6974, 6.8279, 11.1857 by changing the saturation by 10% instead.


 13.6974, 6.8279,
11.1857


 13.6974, 6.8279,
11.1857


208.8886,
166.2259, 209.7201


 7.9908, 3.3547,
6.0761


 32.1419, 19.6261,
28.6449


 4.1408, 1.3196,
2.8219

 45.6105, 29.7200,
41.8317


 1.7821, 0.1563,
1.0044

 62.3972, 42.7895,
58.5479

 0.5069, 0.0000,
0.0000


 82.8672, 59.2191,
79.2122

 0.0000, 0.0000,
0.0000

 107.3861, 79.3931,
104.2430


 136.3190,


103.6960, 134.0589

 170.0314,
132.5121, 169.0784

 13.6974, 6.8279,
11.1857


 13.6974, 6.8279,
11.1857


 13.6971, 6.8278,
11.1842

 14.0981, 7.2507,
12.4862

 14.6258, 7.9029,
13.9050

 15.3365, 8.8961,
15.4622

 16.2512, 10.2718,
17.1662

 17.3881, 12.0658,
19.0242

■ 18.7631, 14.3097,
21.0428

■ 20.3907, 17.0319,
23.2280

■ 22.2840, 20.2586,
25.5856

■ 24.4555, 24.0140,
28.1207

Harmonies

Analogous

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



11.6596, 6.8279, 24.0889



13.6974, 6.8279, 11.1857



13.4205, 6.8279, 3.4327

Triad

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



13.6974, 6.8279, 11.1857



4.8770, 6.8279, 0.0000



3.4247, 6.8279, 27.1104

Complementary

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



13.6974, 6.8279, 11.1857



10.7235, 20.4900, 6.5238

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.



2.4830, 6.8279, 13.7364



13.6974, 6.8279, 11.1857



3.1311, 6.8279, 1.0468

Square

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



13.6974, 6.8279, 11.1857



7.6933, 6.8279, 0.0000



2.3948, 6.8279, 4.6324



5.4187, 6.8279, 36.9681

Rectangle

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



13.6974, 6.8279, 11.1857



11.9719, 6.8279, 1.2525



2.3948, 6.8279, 4.6324



3.0041, 6.8279, 22.5572

Sweetspot

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



13.6976, 6.8283, 11.1858



36.3168, 30.1640, 41.3393



6.4643, 2.7424, 26.9766



7.8265, 6.2857, 8.8638



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.



13.6976, 6.8283, 11.1858



24.4447, 12.1936, 19.5823



11.8198, 6.0772, 1.2973



5.5468, 5.4792, 6.3773



11.7611, 5.8615, 9.6593



0.1229, 0.0602, 0.1475

Inverse Universe

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



13.6976, 6.8283, 11.1858



24.4447, 12.1936, 19.5823



13.7166, 21.6872, 22.2850



5.5468, 5.4792, 6.3773



11.7611, 5.8615, 9.6593



0.1229, 0.0602, 0.1475

Previews

White Background



This preview shows how the XYZ color 13.6974, 6.8279, 11.1857 looks on a white background.

Color Contrast Check

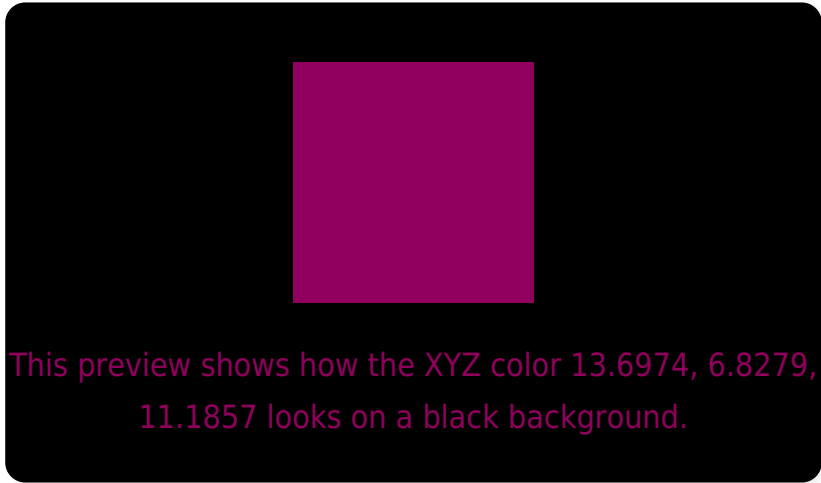
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.6974, 6.8279, 11.1857

Background



This preview shows how black text looks on a background with the XYZ color 13.6974, 6.8279, 11.1857.



This preview shows how white text looks on a background with the XYZ color 13.6974, 6.8279, 11.1857.

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

13.6974, 6.8279, 11.1857

Protanopia

8.1844, 7.4572, 23.5623

Deuteranopia

7.5858, 7.4422, 10.2692



Tritanopia

12.0123, 7.1323, 2.6630

Trichromacy



Original Color

13.6974, 6.8279, 11.1857

Protanomaly

8.1330, 5.3771, 18.0620

Deuteranomaly

8.6113, 5.7951, 10.3376

Tritanomaly

12.2714, 6.7198, 4.7880

Monochromacy



Original Color

13.6974, 6.8279, 11.1857

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.5767, 3.6000, 6.0312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6974, 6.8279, 11.1857 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(145, 0, 94)` looks like.

```
.text, #text, p{  
    color:rgb(145, 0, 94)  
}
```

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(145, 0, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 0, 94) }
```

Border

The CSS property to change the border of an element to XYZ 13.6974, 6.8279, 11.1857 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(145, 0, 94) }
```


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

```
.border{ border-color:rgb(145, 0, 94) }
```

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

Here you see how a box with a 4 pixel rgb(145, 0, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 0, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 0, 94);  
box-shadow:4px 4px 4px 4px rgb(145, 0, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.6974, 6.8279, 11.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 0, 94) }
```

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

```
.background{ background-color: rgb(145, 0,  
94) }
```

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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