

Converting Colors

XYZ(14.9482, 7.8996, 13.4937)

Have a look what the booklet for
XYZ(14.9482, 7.8996, 13.4937)
contains.

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Color

**XYZ(14.9876, 7.9284,
13.5724)**

Conversions

Conversions Part 1

Format	Color
Hex	941867
RGB	148, 24, 103
RGB Percent	58%, 9%, 40%
CMY	0.4196, 0.9059, 0.5961
CMYK	0.00, 0.84, 0.30, 0.42
HSL	322°, 72%, 34%
HSV	322°, 84%, 58%
XYZ	14.9876, 7.9284, 13.5724
YIQ	70.0820, 48.5450, 50.8570

Conversions

Conversions Part 2

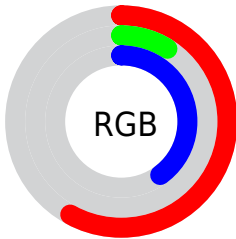
Format	Color
R_{YB}	148, 24, 103
Decimal	9705575
CIE _{Lab}	33.83, 55.33, -13.99
CIE _{LCh}	34, 57.069, 345.812
Yxy	7.9284, 0.4107, 0.2173
Android (android.graphics.Color)	4287895655 (0xFF941867)
YUV	70.0820, 16.2286, 68.3341
Hunter-Lab	28.1574, 45.7363, -8.8687

Details

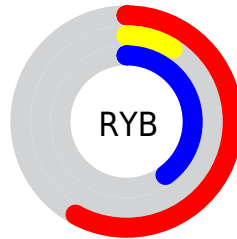
The XYZ color **14.9876, 7.9284, 13.5724** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.0413, 21.8040, 9.2055**, and the grayscale version is **5.8040, 6.1062, 6.6497**.

A 20% lighter version of the original color is **34.4567, 21.7956, 32.9627**, and **5.1274, 2.5608, 3.9654** is the 20% darker color. If you saturate the color by 10%, you get **14.4999, 7.3707, 12.1221**, and if you desaturate by 10%, it is **15.6587, 8.8251, 15.1694**.

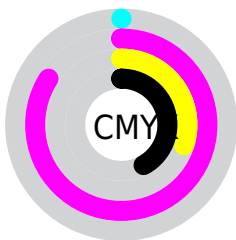
Distribution



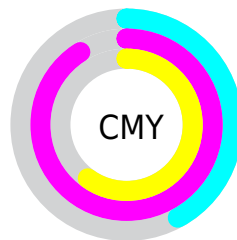
- Red (58%)
- Green (9%)
- Blue (40%)



- Red (58%)
- Yellow (9%)
- Blue (40%)



- Cyan (0%)
- Magenta (84%)
- Yellow (30%)
- Black (42%)




- Cyan (42%)
- Magenta (91%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9876, 7.9284, 13.5724 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 14.9876, 7.9284, 13.5724 by changing the saturation by 10% instead.


 14.9876, 7.9284,
13.5724


 14.9876, 7.9284,
13.5724


216.6810,
175.1693, 225.8894


 8.8969, 4.0492,
7.6885


 34.4033, 21.8180,
33.0345


 4.7306, 1.7011,
3.8114

 48.4590, 32.5971,
47.4498

 2.1232, 0.4244,
1.5225

 65.9004, 46.4449,
65.5460

 0.7018, 0.0000,
0.2346

 87.0929, 63.7460,
87.7417

 0.0000, 0.0000,
0.0000

 112.4019, 84.8845,
114.4553

 142.1927,

110.2450, 146.1054

176.8306,
140.2118, 183.1106

■ 14.9876, 7.9284,
13.5724

■ 14.9876, 7.9284,
13.5724

■ 14.4999, 7.3707,
12.1221

■ 15.6587, 8.8251,
15.1694

■ 14.2461, 7.1093,
11.2788

■ 16.5365, 10.1070,
16.9223

■ 17.6414, 11.8144,
18.8394

■ 18.9909, 13.9819,
20.9281

■ 20.6010, 16.6407,
23.1950

■ 22.4859, 19.8192,
25.6464

■ 24.6590, 23.5435,
28.2881

■ 27.1328, 27.8381,
31.1256

■ 29.9189, 32.7260,
34.1640

Harmonies

Analogous

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



12.7153, 7.9284, 27.0299



14.9876, 7.9284, 13.5724



14.9180, 7.9284, 4.7426

Triad

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



14.9876, 7.9284, 13.5724



6.0147, 7.9284, 0.2394



4.0766, 7.9284, 27.7749

Complementary

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



14.9876, 7.9284, 13.5724



12.0413, 21.8040, 9.2055

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.



3.1081, 7.9284, 14.2195



14.9876, 7.9284, 13.5724



3.9972, 7.9284, 1.3371

Square

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



14.9876, 7.9284, 13.5724



9.1058, 7.9284, 0.2101



3.0837, 7.9284, 5.0657



6.1573, 7.9284, 38.3543

Rectangle

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



14.9876, 7.9284, 13.5724



13.5313, 7.9284, 1.9725



3.0837, 7.9284, 5.0657



3.6390, 7.9284, 23.1168

Sweetspot

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



14.9878, 7.9288, 13.5725



39.0671, 33.9373, 44.4836



8.0148, 3.9994, 28.3667



8.6698, 7.3271, 9.8355



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.



14.9878, 7.9288, 13.5725



25.0518, 12.5100, 19.4548



12.9685, 7.1211, 2.9389



5.9469, 5.8738, 6.8264



12.1817, 6.0778, 9.7040



0.1633, 0.0801, 0.1934

Inverse Universe

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



14.9878, 7.9288, 13.5725



25.0518, 12.5100, 19.4548



14.9561, 22.9700, 24.5545



5.9469, 5.8738, 6.8264



12.1817, 6.0778, 9.7040



0.1633, 0.0801, 0.1934

Previews

White Background



This preview shows how the XYZ color 14.9876, 7.9284, 13.5724 looks on a white background.

Color Contrast Check

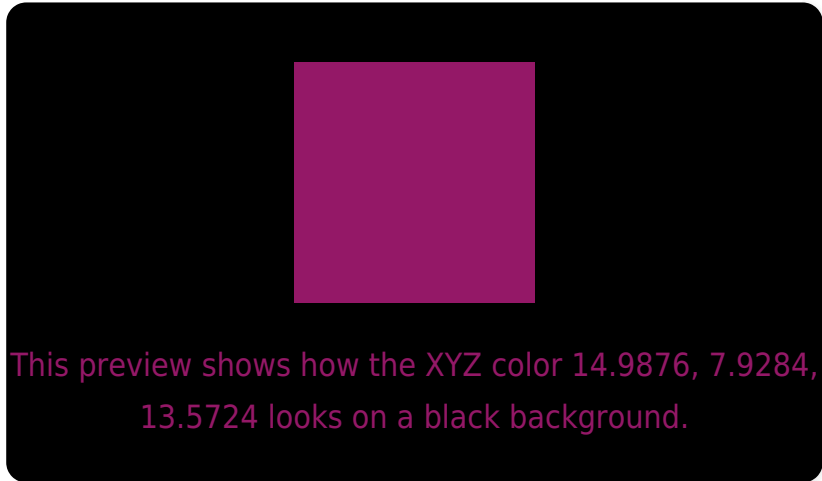
Large Text (above 18pt) WCAG AA ✓ Pass

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

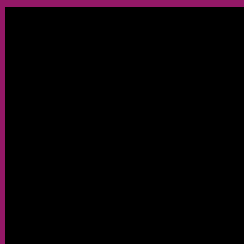
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9876, 7.9284, 13.5724

Background



This preview shows how black text looks on a background with the XYZ color 14.9876, 7.9284, 13.5724.



This preview shows how white text looks on a background with the XYZ color 14.9876, 7.9284,

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

14.9876, 7.9284, 13.5724

Protanopia

9.1467, 8.3018, 26.7115

Deuteranopia

8.4333, 8.2489, 12.4570



Tritanopia

12.9735, 8.0195, 3.6604

Trichromacy



Original Color

14.9876, 7.9284, 13.5724

Protanomaly

9.4847, 6.7611, 21.2272

Deuteranomaly

9.7600, 7.0930, 12.6591

Tritanomaly

13.3820, 7.7602, 6.2614

Monochromacy



Original Color

14.9876, 7.9284, 13.5724

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

7.8331, 5.7521, 8.6801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9876, 7.9284, 13.5724 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, 24, 103)` looks like.

```
.text, #text, p{  
    color:rgb(148, 24, 103)  
}
```

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, 24, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 24, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.9876, 7.9284, 13.5724 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, 24, 103) }
```


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

```
.border{ border-color:rgb(148, 24, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 24, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 24, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 24, 103);  
box-shadow:4px 4px 4px 4px rgb(148, 24,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9876, 7.9284, 13.5724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 24, 103) }
```

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

```
.background{ background-color: rgb(148, 24,  
103) }
```

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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