

Converting Colors

XYZ(12.9442, 4.8285, 7.2715)

Have a look what the booklet for
XYZ(12.9442, 4.8285, 7.2715)
contains.

XYZ(14.1021, 7.1151, 7.6513)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.1021, 7.1151,
7.6513)**

Conversions

Conversions Part 1

Format	Color
Hex	97004D
RGB	151, 0, 77
RGB Percent	59%, 0%, 30%
CMY	0.4078, 0.9999, 0.6980
CMYK	0.00, 1.00, 0.49, 0.41
HSL	329°, 100%, 30%
HSV	329°, 100%, 59%
XYZ	14.1021, 7.1151, 7.6513
YIQ	53.9270, 65.2790, 55.9590

Conversions

Conversions Part 2

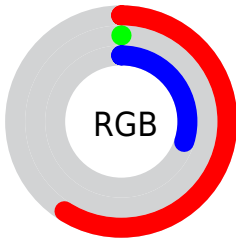
Format	Color
RYB	151, 0, 77
Decimal	9896013
CIELab	32.07, 57.51, 0.34
CIElCh	32, 57.512, 0.342
Yxy	7.1151, 0.4885, 0.2465
Android (android.graphics.Color)	4288086093 (0xFF97004D)
YUV	53.9270, 11.3750, 85.1330
Hunter-Lab	26.6741, 47.6897, 1.6650

Details

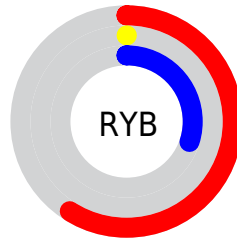
The XYZ color **14.1021, 7.1151, 7.6513** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **12.3034, 22.6280, 10.2007**, and the grayscale version is **3.4792, 3.6604, 3.9862**.

A 20% lighter version of the original color is **32.8603, 20.2402, 21.9135**, and **4.8906, 2.4895, 1.6616** is the 20% darker color. If you saturate the color by 10%, you get **14.1018, 7.1150, 7.6498**, and if you desaturate by 10%, it is **14.5510, 7.5707, 9.1645**.

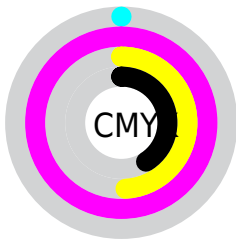
Distribution



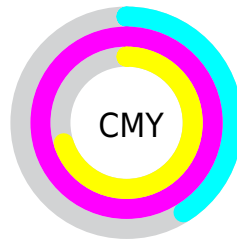
- Red (59%)
- Green (0%)
- Blue (30%)



- Red (59%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (41%)





- Cyan (41%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1021, 7.1151, 7.6513 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 14.1021, 7.1151, 7.6513 by changing the saturation by 10% instead.


 14.1021, 7.1151,
7.6513


 14.1021, 7.1151,
7.6513


211.3630,
168.6167, 182.8021


 8.2739, 3.5342,
3.7881


 32.8548, 20.2044,
21.8067


 4.3240, 1.4166,
1.5098

 46.5101, 30.4816,
32.9360


 1.8870, 0.2289,
0.2252

 63.5050, 43.7596,
47.3244

 0.5693, 0.0000,
0.0000


 84.2050, 60.4229,
65.3905


 0.0000, 0.0000,
0.0000


 108.9755, 80.8559,
87.5528


 138.1817,


105.4429, 114.2298

 172.1891,
134.5684, 145.8400

 14.1021, 7.1151,
7.6513


 14.1021, 7.1151,
7.6513


 14.1018, 7.1150,
7.6498

 14.5510, 7.5707,
9.1645

 15.1554, 8.2881,
10.8809

 15.9749, 9.3851,
12.8248

 17.0334, 10.9081,
15.0085

 18.3513, 12.8969,
17.4430

■ 19.9471, 15.3866,
20.1383

■ 21.8370, 18.4090,
23.1037

■ 24.0363, 21.9931,
26.3479

■ 26.5591, 26.1659,
29.8793

Harmonies

Analogous

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



12.9320, 7.1151, 18.7822



14.1021, 7.1151, 7.6513



12.8803, 7.1151, 2.1221

Triad

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



14.1021, 7.1151, 7.6513



4.2981, 7.1151, 0.3953



4.3412, 7.1151, 31.9140

Complementary

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



14.1021, 7.1151, 7.6513



12.3034, 22.6280, 10.2007

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.



2.9738, 7.1151, 19.0846



14.1021, 7.1151, 7.6513



2.9544, 7.1151, 2.1931

Square

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



14.1021, 7.1151, 7.6513



6.7291, 7.1151, 0.0000



2.5497, 7.1151, 7.8438



6.7963, 7.1151, 37.6568

Rectangle

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



14.1021, 7.1151, 7.6513



11.0312, 7.1151, 0.7699



2.5497, 7.1151, 7.8438



3.7677, 7.1151, 27.9793

Sweetspot

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



14.1023, 7.1155, 7.6514



38.8846, 32.6086, 41.0367



8.3332, 3.6509, 29.5437



8.5278, 6.9130, 8.8481



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.1023, 7.1155, 7.6514



25.1619, 12.7051, 13.2120



12.7766, 6.5852, 0.6704



6.3336, 6.2726, 7.1370



12.0112, 6.0587, 6.5839



0.1979, 0.0979, 0.1952

Inverse Universe

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



14.1023, 7.1155, 7.6514



25.1619, 12.7051, 13.2120



16.4505, 24.2869, 32.0390



6.3336, 6.2726, 7.1370



12.0112, 6.0587, 6.5839



0.1979, 0.0979, 0.1952

Previews

White Background



This preview shows how the XYZ color 14.1021, 7.1151, 7.6513 looks on a white background.

Color Contrast Check

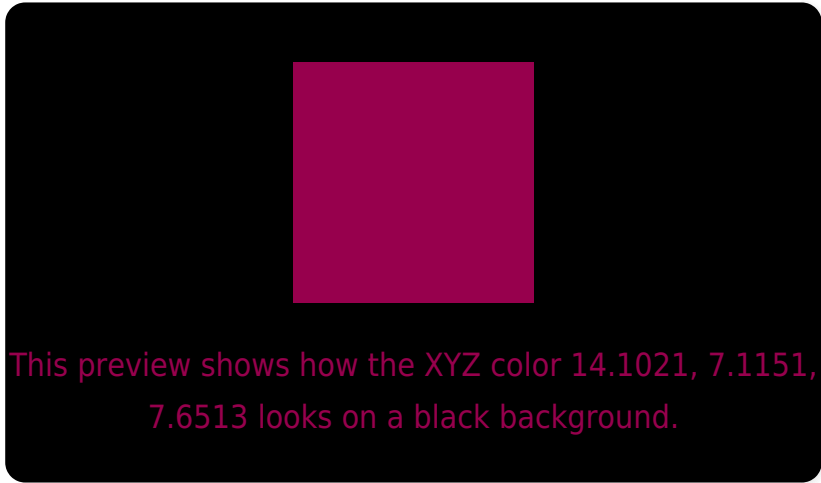
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1021, 7.1151, 7.6513

Background



This preview shows how black text looks on a background with the XYZ color 14.1021, 7.1151, 7.6513.



This preview shows how white text looks on a background with the XYZ color 14.1021, 7.1151,

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

14.1021, 7.1151, 7.6513

Protanopia

7.9775, 7.8254, 16.1289

Deuteranopia

7.8416, 7.7477, 7.0434



Tritanopia

13.1317, 7.4685, 2.0458

Trichromacy



Original Color

14.1021, 7.1151, 7.6513

Protanomaly

8.4297, 5.7787, 12.4755

Deuteranomaly

8.9416, 6.0397, 6.9978

Tritanomaly

13.3613, 7.1977, 3.4814

Monochromacy



Original Color

14.1021, 7.1151, 7.6513

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

5.5614, 3.6157, 4.9622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1021, 7.1151, 7.6513 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(151, 0, 77)` looks like.

```
.text, #text, p{  
    color:rgb(151, 0, 77)  
}
```

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(151, 0, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 0, 77) }
```

Border

The CSS property to change the border of an element to XYZ 14.1021, 7.1151, 7.6513 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(151, 0, 77) }
```


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

```
.border{ border-color:rgb(151, 0, 77) }
```

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

Here you see how a box with a 4 pixel rgb(151, 0, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 0, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 0, 77);  
box-shadow:4px 4px 4px 4px rgb(151, 0, 77)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.1021, 7.1151, 7.6513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 0, 77) }
```

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

```
.background{ background-color: rgb(151, 0,  
77) }
```

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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