

Converting Colors

XYZ(14.1627, 7.0211, 13.3133)

Have a look what the booklet for
XYZ(14.1627, 7.0211, 13.3133)
contains.

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Color

**XYZ(14.1252, 6.9990,
13.4384)**

Conversions

Conversions Part 1

Format	Color
Hex	910067
RGB	145, 0, 103
RGB Percent	57%, 0%, 40%
CMY	0.4314, 0.9999, 0.5961
CMYK	0.00, 1.00, 0.29, 0.43
HSL	317°, 100%, 28%
HSV	317°, 100%, 57%
XYZ	14.1252, 6.9990, 13.4384
YIQ	55.0970, 53.3570, 62.7730

Conversions

Conversions Part 2

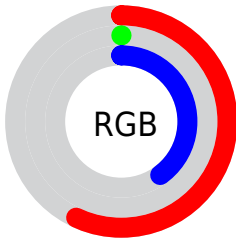
Format	Color
R_{YB}	145, 0, 103
Decimal	9502823
CIE _{Lab}	31.80, 58.79, -17.16
CIE _{LCh}	32, 61.241, 343.732
Yxy	6.9990, 0.4087, 0.2025
Android (android.graphics.Color)	4287692903 (0xFF910067)
YUV	55.0970, 23.6162, 78.8449
Hunter-Lab	26.4556, 49.0075, -11.5980

Details

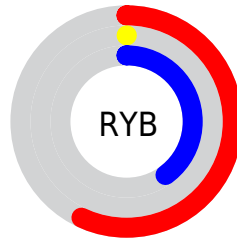
The XYZ color **14.1252, 6.9990, 13.4384** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.5438, 20.4182, 5.5774**, and the grayscale version is **3.6112, 3.7992, 4.1373**.

A 20% lighter version of the original color is **32.9774, 20.0618, 32.7061**, and **4.8336, 2.4094, 3.9517** is the 20% darker color. If you saturate the color by 10%, you get **14.1250, 6.9989, 13.4372**, and if you desaturate by 10%, it is **14.5055, 7.4137, 14.6318**.

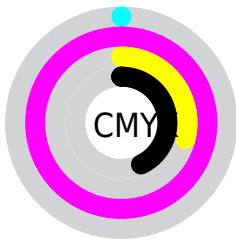
Distribution



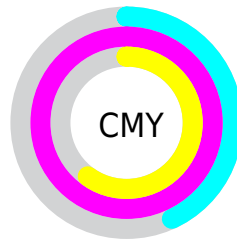
- Red (57%)
- Green (0%)
- Blue (40%)



- Red (57%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (43%)




- Cyan (43%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1252, 6.9990, 13.4384 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 14.1252, 6.9990, 13.4384 by changing the saturation by 10% instead.


 14.1252, 6.9990,
13.4384

 14.1252, 6.9990,
13.4384


211.5034,
167.6554, 225.0141


 8.2901, 3.4615,
7.5969


 32.8954, 19.9712,
32.7918


 4.3345, 1.3771,
3.7540

 46.5612, 30.1747,
47.1408


 1.8930, 0.1998,
1.4914

 63.5680, 43.3689,
65.1626

 0.5728, 0.0000,
0.2115


 84.2811, 59.9383,
87.2759

 0.0000, 0.0000,
0.0000

 109.0658, 80.2672,
113.8992


 138.2875,

104.7401, 145.4509


 172.3116,
133.7414, 182.3497


 14.1252, 6.9990,
13.4384

 14.1252, 6.9990,
13.4384


 14.1250, 6.9989,
13.4372

 14.5055, 7.4137,
14.6318

 15.0082, 8.0559,
15.9189

 15.6891, 9.0370,
17.3191

 16.5691, 10.3988,
18.8403

 17.6662, 12.1769,
20.4889

■ 18.9963, 14.4027,
22.2710

■ 20.5736, 17.1048,
24.1920

■ 22.4114, 20.3092,
26.2571

■ 24.5218, 24.0401,
28.4708

Harmonies

Analogous

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



11.6527, 6.9990, 27.6645



14.1252, 6.9990, 13.4384



14.2377, 6.9990, 4.2577

Triad

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



14.1252, 6.9990, 13.4384



5.3413, 6.9990, 0.0000



3.2210, 6.9990, 26.4278

Complementary

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



14.1252, 6.9990, 13.4384



10.5438, 20.4182, 5.5774

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.



2.3939, 6.9990, 12.4062



14.1252, 6.9990, 13.4384



3.3368, 6.9990, 0.7400

Square

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



14.1252, 6.9990, 13.4384



8.4561, 6.9990, 0.0000



2.4285, 6.9990, 3.7839



5.1253, 6.9990, 38.3240

Rectangle

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



14.1252, 6.9990, 13.4384



12.9048, 6.9990, 1.5445



2.4285, 6.9990, 3.7839



2.8384, 6.9990, 21.4812

Sweetspot

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



14.1254, 6.9994, 13.4385



36.6507, 30.2976, 43.0977



6.0293, 2.5181, 26.9563



7.9084, 6.3184, 9.2955



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.



14.1254, 6.9994, 13.4385



25.2175, 12.5027, 23.6515



11.9303, 6.1213, 1.8790



5.5606, 5.4848, 6.4499



12.1271, 6.0079, 11.5865



0.1255, 0.0613, 0.1613

Inverse Universe

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



14.1254, 6.9994, 13.4385



25.2175, 12.5027, 23.6515



13.1394, 21.4564, 19.2456



5.5606, 5.4848, 6.4499



12.1271, 6.0079, 11.5865



0.1255, 0.0613, 0.1613

Previews

White Background



This preview shows how the XYZ color 14.1252, 6.9990, 13.4384 looks on a white background.

Color Contrast Check

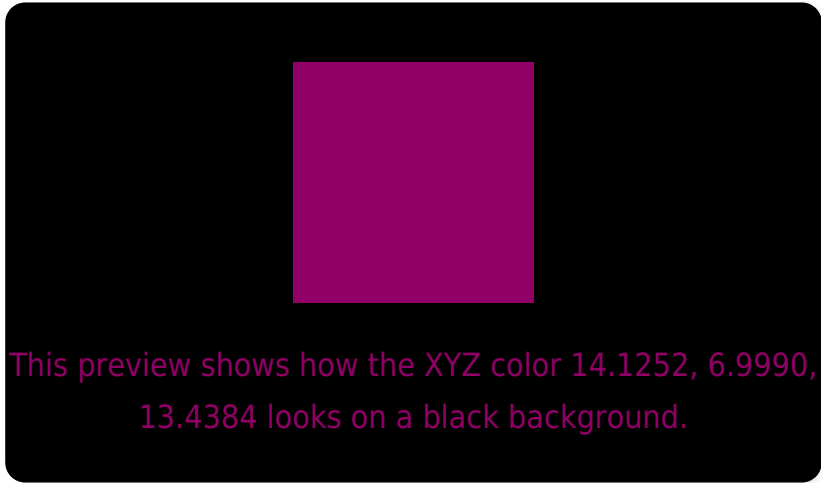
Large Text (above 18pt) WCAG AA ✓ Pass

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

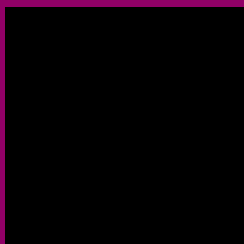
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1252, 6.9990, 13.4384

Background



This preview shows how black text looks on a background with the XYZ color 14.1252, 6.9990, 13.4384.



This preview shows how white text looks on a background with the XYZ color 14.1252, 6.9990,

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

14.1252, 6.9990, 13.4384

Protanopia

8.7260, 7.7266, 28.6352

Deuteranopia

7.6763, 7.5499, 12.1190



Tritanopia

12.1954, 7.4158, 2.9791

Trichromacy



Original Color

14.1252, 6.9990, 13.4384

Protanomaly

8.2956, 5.3723, 22.0725

Deuteranomaly

8.6759, 5.7815, 12.4630

Tritanomaly

12.4501, 6.8597, 5.5184

Monochromacy



Original Color

14.1252, 6.9990, 13.4384

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.7952, 3.7447, 6.5482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1252, 6.9990, 13.4384 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, 103)` looks like.

```
.text, #text, p{  
    color:rgb(145, 0, 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(145, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 0, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.1252, 6.9990, 13.4384 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, 103) }
```


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

```
.border{ border-color:rgb(145, 0, 103) }
```

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, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 0, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 0, 103);  
box-shadow:4px 4px 4px 4px rgb(145, 0,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1252, 6.9990, 13.4384 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, 103) }
```

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

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