

Converting Colors

XYZ(14.5813, 7.2412, 13.1385)

Have a look what the booklet for
XYZ(14.5813, 7.2412, 13.1385)
contains.

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Color

**XYZ(14.6110, 7.2552,
13.2007)**

Conversions

Conversions Part 1

Format	Color
Hex	940066
RGB	148, 0, 102
RGB Percent	58%, 0%, 40%
CMY	0.4196, 0.9999, 0.6000
CMYK	0.00, 1.00, 0.31, 0.42
HSL	319°, 100%, 29%
HSV	319°, 100%, 58%
XYZ	14.6110, 7.2552, 13.2007
YIQ	55.8800, 55.4660, 63.0980

Conversions

Conversions Part 2

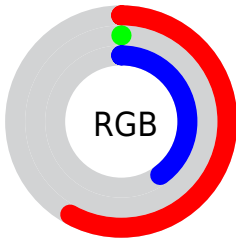
Format	Color
R_{YB}	148, 0, 102
Decimal	9699430
CIE _{Lab}	32.38, 59.31, -15.57
CIE _{LCh}	32, 61.317, 345.289
Yxy	7.2552, 0.4167, 0.2069
Android (android.graphics.Color)	4287889510 (0xFF940066)
YUV	55.8800, 22.7372, 80.7892
Hunter-Lab	26.9355, 49.6892, -10.2024

Details

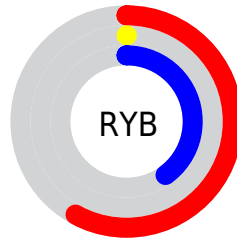
The XYZ color **14.6110, 7.2552, 13.2007** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.0836, 21.3773, 6.1286**, and the grayscale version is **3.7114, 3.9047, 4.2522**.

A 20% lighter version of the original color is **33.7194, 20.4539, 32.3078**, and **5.1032, 2.5511, 3.8379** is the 20% darker color. If you saturate the color by 10%, you get **14.6108, 7.2551, 13.1993**, and if you desaturate by 10%, it is **15.0139, 7.6856, 14.4922**.

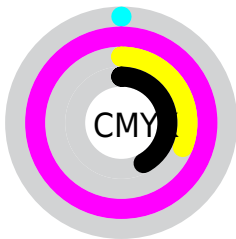
Distribution



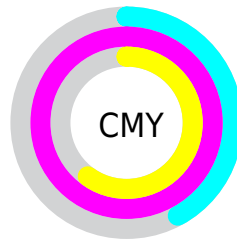
- Red (58%)
- Green (0%)
- Blue (40%)



- Red (58%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (42%)





- Cyan (42%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6110, 7.2552, 13.2007 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 14.6110, 7.2552, 13.2007 by changing the saturation by 10% instead.

 14.6110, 7.2552,
13.2007


 14.6110, 7.2552,
13.2007


214.4349,
169.7677, 223.4528


 8.6314, 3.6222,
7.4345


 33.7466, 20.4848,
32.3603


 4.5567, 1.4646,
3.6528


 47.6333, 30.8502,
46.5909


 2.0216, 0.2636,
1.4369

 64.8863, 44.2285,
64.4800

 0.6461, 0.0000,
0.1702

 85.8711, 61.0041,
86.4462

 0.0000, 0.0000,
0.0000

 110.9530, 81.5615,
112.9081

 140.4974,

106.2849, 144.2841

174.8695,
135.5588, 180.9928

14.6110, 7.2552,
13.2007

14.6110, 7.2552,
13.2007

14.6108, 7.2551,
13.1993

15.0139, 7.6856,
14.4922

15.5477, 8.3574,
15.8908

16.2699, 9.3849,
17.4166

17.2026, 10.8121,
19.0779

18.3646, 12.6766,
20.8819

■ 19.7727, 15.0114,
22.8352

■ 21.4420, 17.8467,
24.9435

■ 23.3864, 21.2097,
27.2126

■ 25.6188, 25.1261,
29.6473

Harmonies

Analogous

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



12.1848, 7.2552, 27.5863



14.6110, 7.2552, 13.2007



14.5848, 7.2552, 4.1389

Triad

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



14.6110, 7.2552, 13.2007



5.4130, 7.2552, 0.0000



3.4406, 7.2552, 27.8733

Complementary

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



14.6110, 7.2552, 13.2007



11.0836, 21.3773, 6.1286

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.



2.5352, 7.2552, 13.4412



14.6110, 7.2552, 13.2007



3.4134, 7.2552, 0.8873

Square

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



14.6110, 7.2552, 13.2007



8.5587, 7.2552, 0.0000



2.5271, 7.2552, 4.2502



5.4636, 7.2552, 39.5679

Rectangle

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



14.6110, 7.2552, 13.2007



13.1478, 7.2552, 1.5045



2.5271, 7.2552, 4.2502



3.0271, 7.2552, 22.8422

Sweetspot

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



14.6112, 7.2556, 13.2008



37.6397, 31.1577, 43.7763



6.4020, 2.6832, 28.1975



8.3246, 6.6557, 9.6619



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.



14.6112, 7.2556, 13.2008



25.7000, 12.7693, 22.8685



12.4424, 6.3881, 1.7798



5.9593, 5.8788, 6.8920



12.4925, 6.2021, 11.3405



0.1662, 0.0812, 0.2088

Inverse Universe

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



14.6112, 7.2556, 13.2008



25.7000, 12.7693, 22.8685



13.8842, 22.4976, 20.8762



5.9593, 5.8788, 6.8920



12.4925, 6.2021, 11.3405



0.1662, 0.0812, 0.2088

Previews

White Background



This preview shows how the XYZ color 14.6110, 7.2552, 13.2007 looks on a white background.

Color Contrast Check

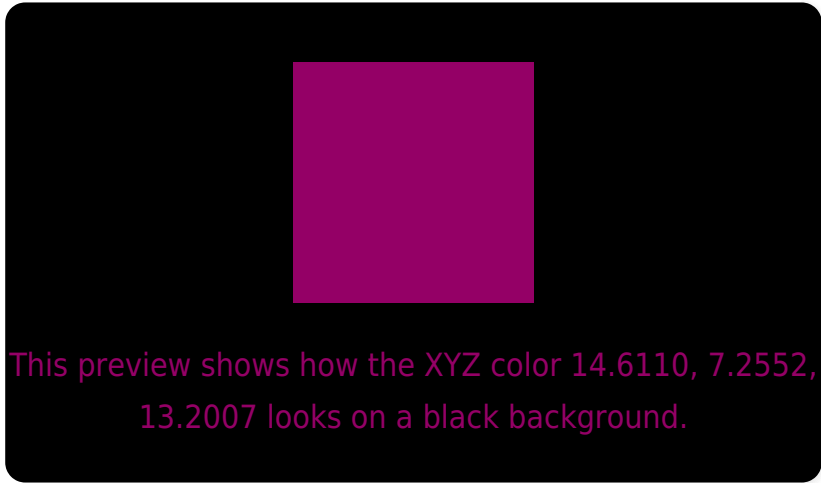
Large Text (above 18pt) WCAG AA ✓ Pass

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

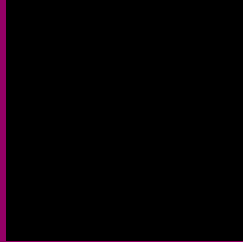
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6110, 7.2552, 13.2007

Background



This preview shows how black text looks on a background with the XYZ color 14.6110, 7.2552, 13.2007.



This preview shows how white text looks on a background with the XYZ color 14.6110, 7.2552,

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

14.6110, 7.2552, 13.2007

Protanopia

8.9244, 7.9410, 28.2565

Deuteranopia

8.0144, 7.9373, 11.9361



Tritanopia

12.6783, 7.6140, 2.9919

Trichromacy



Original Color

14.6110, 7.2552, 13.2007

Protanomaly

8.6073, 5.6022, 21.7468

Deuteranomaly

9.0541, 6.1061, 12.2567

Tritanomaly

12.9501, 7.0852, 5.5355

Monochromacy



Original Color

14.6110, 7.2552, 13.2007

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

5.9533, 3.8666, 6.7359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6110, 7.2552, 13.2007 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, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 102)  
}
```

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, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.6110, 7.2552, 13.2007 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, 0, 102) }
```


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

```
.border{ border-color:rgb(148, 0, 102) }
```

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

Here you see how a box with a 4 pixel rgb(148, 0, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(148, 0,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6110, 7.2552, 13.2007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 102) }
```

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

```
.background{ background-color: rgb(148, 0,  
102) }
```

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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