

Converting Colors

XYZ(14.8814, 7.5499, 9.5550)

Have a look what the booklet for
XYZ(14.8814, 7.5499, 9.5550)
contains.

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Color

**XYZ(14.8709, 7.5527,
9.4781)**

Conversions

Conversions Part 1

Format	Color
Hex	990556
RGB	153, 5, 86
RGB Percent	60%, 2%, 34%
CMY	0.4000, 0.9803, 0.6627
CMYK	0.00, 0.97, 0.44, 0.40
HSL	327°, 94%, 31%
HSV	327°, 97%, 60%
XYZ	14.8709, 7.5527, 9.4781
YIQ	58.4860, 62.2070, 56.5670

Conversions

Conversions Part 2

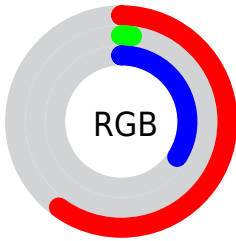
Format	Color
R_{YB}	153, 5, 86
Decimal	10028374
CIE _{Lab}	33.03, 58.07, -4.10
CIE _{LCh}	33, 58.217, 355.964
Yxy	7.5527, 0.4661, 0.2367
Android (android.graphics.Color)	4288218454 (0xFF990556)
YUV	58.4860, 13.5644, 82.8888
Hunter-Lab	27.4822, 48.4945, -1.2105

Details

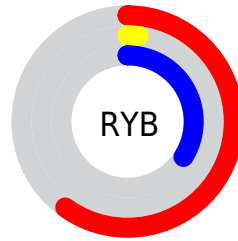
The XYZ color **14.8709, 7.5527, 9.4781** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.6244, 23.2831, 9.9626**, and the grayscale version is **4.0647, 4.2764, 4.6570**.

A 20% lighter version of the original color is **34.2492, 21.0824, 25.5567**, and **5.2241, 2.6469, 2.3334** is the 20% darker color. If you saturate the color by 10%, you get **14.7266, 7.4082, 8.9856**, and if you desaturate by 10%, it is **15.3653, 8.0729, 11.0874**.

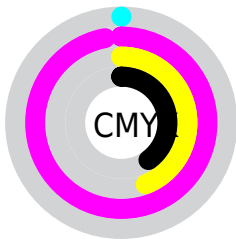
Distribution



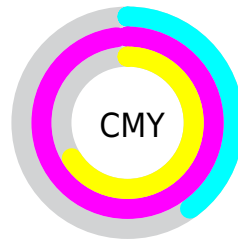
- Red (60%)
- Green (2%)
- Blue (34%)



- Red (60%)
- Yellow (2%)
- Blue (34%)



- Cyan (0%)
- Magenta (97%)
- Yellow (44%)
- Black (40%)





- Cyan (40%)
- Magenta (98%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8709, 7.5527, 9.4781 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 14.8709, 7.5527, 9.4781 by changing the saturation by 10% instead.


 14.8709, 7.5527,
9.4781


 14.8709, 7.5527,
9.4781


215.9874,
172.1803, 197.2530


 8.8146, 3.8101,
4.9533


 34.2001, 21.0768,
25.4014


 4.6766, 1.5679,
2.1616

 48.2036, 31.6270,
37.6370


 2.0916, 0.3358,
0.6521

 65.5869, 45.2153,
53.2798

 0.6846, 0.0000,
0.0000

 86.7153, 62.2259,
72.7486

 0.0000, 0.0000,
0.0000

 111.9542, 83.0433,
96.4617

 141.6690,

108.0520, 124.8378

176.2249,
137.6362, 158.2954

14.8709, 7.5527,
9.4781

14.8709, 7.5527,
9.4781

14.7266, 7.4082,
8.9856

15.3653, 8.0729,
11.0874

16.0495, 8.9283,
12.8971

16.9595, 10.1897,
14.9227

18.1186, 11.9025,
17.1753

19.5469, 14.1059,
19.6648

■ 21.2623, 16.8350,
22.4005

■ 23.2814, 20.1215,
25.3908

■ 25.6192, 23.9947,
28.6436

■ 28.2897, 28.4816,
32.1667

Harmonies

Analogous

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



13.3020, 7.5527, 21.8685



14.8709, 7.5527, 9.4781



13.9418, 7.5527, 2.8027

Triad

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



14.8709, 7.5527, 9.4781



4.8821, 7.5527, 0.3225



4.3439, 7.5527, 31.8650

Complementary

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



14.8709, 7.5527, 9.4781



12.6244, 23.2831, 9.9626

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.



3.0570, 7.5527, 18.1296



14.8709, 7.5527, 9.4781



3.2995, 7.5527, 1.9088

Square

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



14.8709, 7.5527, 9.4781



7.6042, 7.5527, 0.0000



2.7382, 7.5527, 7.0850



6.7692, 7.5527, 39.4777

Rectangle

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



14.8709, 7.5527, 9.4781



12.1420, 7.5527, 1.0587



2.7382, 7.5527, 7.0850



3.7943, 7.5527, 27.4817

Sweetspot

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



14.8711, 7.5531, 9.4782



40.6059, 34.2516, 43.8970



8.4477, 3.7716, 30.4199



8.6529, 7.0530, 9.2294



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.



14.8711, 7.5531, 9.4782



26.2787, 13.2293, 15.5933



13.2603, 6.9088, 0.9960



6.3431, 6.2764, 7.1868



12.1882, 6.1295, 7.5159



0.2005, 0.0990, 0.2089

Inverse Universe

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



14.8711, 7.5531, 9.4782



26.2787, 13.2293, 15.5933



16.6114, 24.8779, 30.9582



6.3431, 6.2764, 7.1868



12.1882, 6.1295, 7.5159



0.2005, 0.0990, 0.2089

Previews

White Background



This preview shows how the XYZ color 14.8709, 7.5527, 9.4781 looks on a white background.

Color Contrast Check

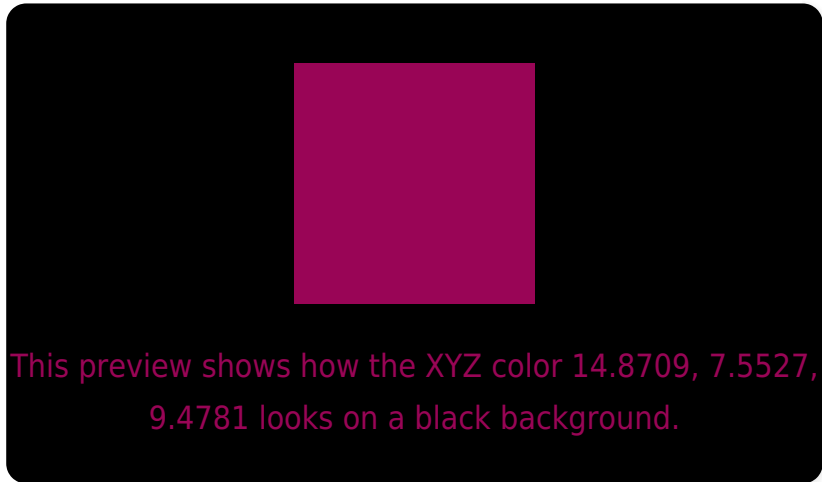
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8709, 7.5527, 9.4781

Background



This preview shows how black text looks on a background with the XYZ color 14.8709, 7.5527, 9.4781.



This preview shows how white text looks on a background with the XYZ color 14.8709, 7.5527,

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

14.8709, 7.5527, 9.4781

Protanopia

8.5484, 8.1372, 20.1889

Deuteranopia

8.1602, 8.0880, 8.5282



Tritanopia

13.4531, 7.7494, 2.3768

Trichromacy



Original Color

14.8709, 7.5527, 9.4781

Protanomaly

8.8663, 6.0686, 15.4559

Deuteranomaly

9.3889, 6.4216, 8.7273

Tritanomaly

13.7347, 7.4584, 4.2057

Monochromacy



Original Color

14.8709, 7.5527, 9.4781

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.2831, 4.1955, 5.9475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8709, 7.5527, 9.4781 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(153, 5, 86)` looks like.

```
.text, #text, p{  
    color:rgb(153, 5, 86)  
}
```

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(153, 5, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 5, 86) }
```

Border

The CSS property to change the border of an element to XYZ 14.8709, 7.5527, 9.4781 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(153, 5, 86) }
```


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

```
.border{ border-color:rgb(153, 5, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 5, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 5, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 5, 86);  
box-shadow:4px 4px 4px 4px rgb(153, 5, 86)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.8709, 7.5527, 9.4781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 5, 86) }
```

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

```
.background{ background-color: rgb(153, 5,  
86) }
```

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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