

Converting Colors

XYZ(14.9155, 6.2632, 7.8701)

Have a look what the booklet for
XYZ(14.9155, 6.2632, 7.8701)
contains.

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Color

**XYZ(15.7094, 7.9354,
8.1009)**

Conversions

Conversions Part 1

Format	Color
Hex	9F004F
RGB	159, 0, 79
RGB Percent	62%, 0%, 31%
CMY	0.3765, 0.9999, 0.6902
CMYK	0.00, 1.00, 0.50, 0.38
HSL	330°, 100%, 31%
HSV	330°, 100%, 62%
XYZ	15.7094, 7.9354, 8.1009
YIQ	56.5470, 69.4050, 58.2770

Conversions

Conversions Part 2

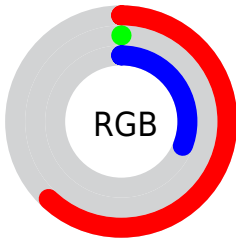
Format	Color
R_{YB}	159, 0, 79
Decimal	10420303
CIE _{Lab}	33.85, 59.53, 1.83
CIE _{LCh}	34, 59.562, 1.758
Yxy	7.9354, 0.4949, 0.2500
Android (android.graphics.Color)	4288610383 (0xFF9F004F)
YUV	56.5470, 11.0693, 89.8513
Hunter-Lab	28.1698, 50.2464, 2.6687

Details

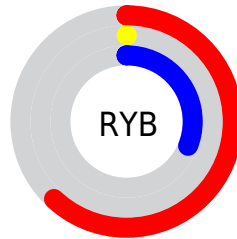
The XYZ color **15.7094, 7.9354, 8.1009** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **13.8471, 25.3759, 11.7612**, and the grayscale version is **3.8108, 4.0092, 4.3660**.

A 20% lighter version of the original color is **35.7636, 21.9263, 22.7693**, and **5.6702, 2.8881, 1.8487** is the 20% darker color. If you saturate the color by 10%, you get **15.7091, 7.9353, 8.0991**, and if you desaturate by 10%, it is **16.2026, 8.4273, 9.7898**.

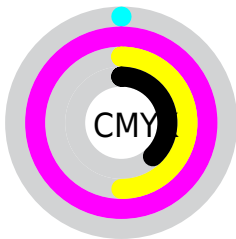
Distribution



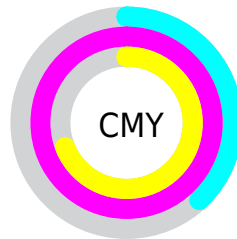
- Red (62%)
- Green (0%)
- Blue (31%)



- Red (62%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (38%)





- Cyan (38%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7094, 7.9354, 8.1009 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 15.7094, 7.9354, 8.1009 by changing the saturation by 10% instead.


 15.7094, 7.9354,
8.1009


 15.7094, 7.9354,
8.1009


220.9251,
175.2244, 186.4853


 9.4083, 4.0536,
4.0709


 35.6545, 21.8317,
22.7054


 5.0677, 1.7036,
1.6643

 50.0292, 32.6150,
34.1170


 2.3222, 0.4260,
0.3361

 67.8258, 46.4677,
48.8263

 0.8060, 0.0000,
0.0000


 89.4097, 63.7740,
67.2516


 0.0000, 0.0000,
0.0000


 115.1462, 84.9185,
89.8117


 145.4007,


110.2855, 116.9249

 180.5385,
140.2593, 149.0100


 15.7094, 7.9354,
8.1009


 15.7094, 7.9354,
8.1009

 15.7091, 7.9353,
8.0991

 16.2026, 8.4273,
9.7898

 16.8754, 9.2205,
11.7173

 17.7919, 10.4413,
13.9104

 18.9796, 12.1427,
16.3836

 20.4617, 14.3701,
19.1496

■ 22.2593, 17.1635,
22.2204

■ 24.3911, 20.5590,
25.6070

■ 26.8743, 24.5897,
29.3196

■ 29.7251, 29.2863,
33.3680

Harmonies

Analogous

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



14.5274, 7.9354, 20.2331



15.7094, 7.9354, 8.1009



14.2315, 7.9354, 2.2149

Triad

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



15.7094, 7.9354, 8.1009



4.6993, 7.9354, 0.5393



4.9466, 7.9354, 36.0934

Complementary

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



15.7094, 7.9354, 8.1009



13.8471, 25.3759, 11.7612

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.



3.3674, 7.9354, 21.9632



15.7094, 7.9354, 8.1009



3.2562, 7.9354, 2.6228

Square

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



15.7094, 7.9354, 8.1009



7.3516, 7.9354, 0.0000



2.8496, 7.9354, 9.2031



7.7364, 7.9354, 41.9049

Rectangle

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



15.7094, 7.9354, 8.1009



12.1292, 7.9354, 0.8095



2.8496, 7.9354, 9.2031



4.2879, 7.9354, 31.8217

Sweetspot

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



15.7096, 7.9359, 8.1010



43.4428, 36.4345, 45.4907



9.5252, 4.1878, 33.1072



9.4390, 7.6456, 9.7003



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.7096, 7.9359, 8.1010



28.0354, 14.1722, 13.9884



14.2984, 7.3714, 0.6698



6.7636, 6.6983, 7.6060



12.4286, 6.2760, 6.5079



0.2436, 0.1208, 0.2287

Inverse Universe

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



15.7096, 7.9359, 8.1010



28.0354, 14.1722, 13.9884



18.6564, 27.2997, 37.0870



6.7636, 6.6983, 7.6060



12.4286, 6.2760, 6.5079



0.2436, 0.1208, 0.2287

Previews

White Background



This preview shows how the XYZ color 15.7094, 7.9354, 8.1009 looks on a white background.

Color Contrast Check

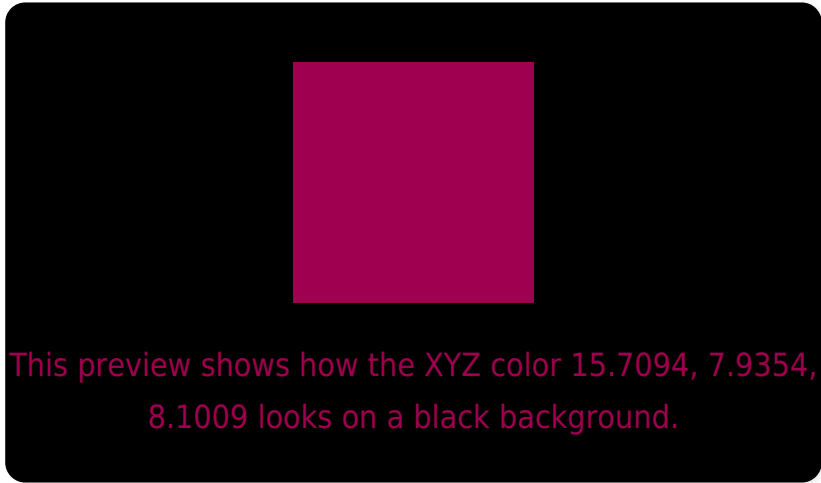
Large Text (above 18pt) WCAG AA ✓ Pass

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

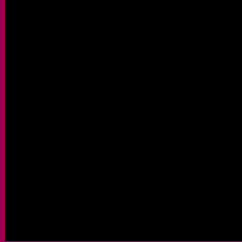
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7094, 7.9354, 8.1009

Background



This preview shows how black text looks on a background with the XYZ color 15.7094, 7.9354, 8.1009.



This preview shows how white text looks on a background with the XYZ color 15.7094, 7.9354,

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

15.7094, 7.9354, 8.1009

Protanopia

8.8022, 8.6660, 17.1284

Deuteranopia

8.6545, 8.5849, 7.3318



Tritanopia

14.6419, 8.2470, 2.1164

Trichromacy



Original Color

15.7094, 7.9354, 8.1009

Protanomaly

9.2859, 6.3386, 13.0460

Deuteranomaly

9.9250, 6.7272, 7.4320

Tritanomaly

14.8842, 7.9828, 3.5527

Monochromacy



Original Color

15.7094, 7.9354, 8.1009

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.2011, 4.0231, 5.4507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7094, 7.9354, 8.1009 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(159, 0, 79)` looks like.

```
.text, #text, p{  
    color:rgb(159, 0, 79)  
}
```

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(159, 0, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 0, 79) }
```

Border

The CSS property to change the border of an element to XYZ 15.7094, 7.9354, 8.1009 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(159, 0, 79) }
```


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

```
.border{ border-color:rgb(159, 0, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 0, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 0, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 0, 79);  
box-shadow:4px 4px 4px 4px rgb(159, 0, 79)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.7094, 7.9354, 8.1009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 0, 79) }
```

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

```
.background{ background-color: rgb(159, 0,  
79) }
```

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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