

Converting Colors

XYZ(15.7384, 7.8129, 14.3142)

Have a look what the booklet for
XYZ(15.7384, 7.8129, 14.3142)
contains.

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Color

**XYZ(15.7384, 7.8129,
14.3142)**

Conversions

Conversions Part 1

Format	Color
Hex	99006A
RGB	153, 0, 106
RGB Percent	60%, 0%, 42%
CMY	0.4000, 0.9999, 0.5843
CMYK	0.00, 1.00, 0.31, 0.40
HSL	318°, 100%, 30%
HSV	318°, 100%, 60%
XYZ	15.7384, 7.8129, 14.3142
YIQ	57.8310, 57.1620, 65.4020

Conversions

Conversions Part 2

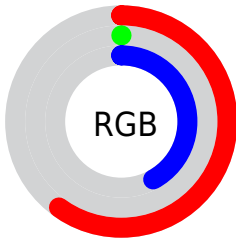
Format	Color
RYB	153, 0, 106
Decimal	10027114
CIELab	33.59, 60.81, -16.19
CIElCh	34, 62.933, 345.088
Yxy	7.8129, 0.4156, 0.2063
Android (android.graphics.Color)	4288217194 (0xFF99006A)
YUV	57.8310, 23.7473, 83.4632
Hunter-Lab	27.9516, 51.5909, -10.7967

Details

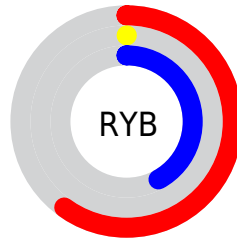
The XYZ color **15.7384, 7.8129, 14.3142** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.9050, 22.9881, 6.5009**, and the grayscale version is **3.9644, 4.1709, 4.5421**.

A 20% lighter version of the original color is **35.6036, 21.5910, 34.1892**, and **5.7192, 2.8572, 4.3877** is the 20% darker color. If you saturate the color by 10%, you get **15.7382, 7.8128, 14.3128**, and if you desaturate by 10%, it is **16.1651, 8.2641, 15.6958**.

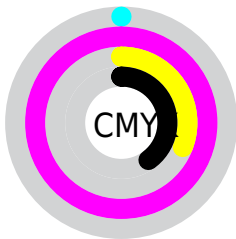
Distribution



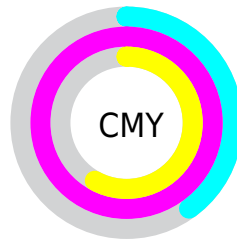
- Red (60%)
- Green (0%)
- Blue (42%)



- Red (60%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.7384, 7.8129, 14.3142 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 15.7384, 7.8129, 14.3142 by changing the saturation by 10% instead.


 15.7384, 7.8129,
14.3142


 15.7384, 7.8129,
14.3142


221.0940,
174.2570, 230.6728


 9.4289, 3.9755,
8.1983


 35.7046, 21.5908,
34.3706


 5.0813, 1.6598,
4.1325

 50.0920, 32.3001,
49.1482


 2.3303, 0.3975,
1.6983

 67.9027, 46.0688,
67.6501

 0.8101, 0.0000,
0.3596


 89.5021, 63.2813,
90.2948


 0.0000, 0.0000,
0.0000

 115.2556, 84.3219,
117.5009


 145.5285,


109.5752, 149.6869


 180.6862,
139.4254, 187.2713


 15.7384, 7.8129,
14.3142


 15.7384, 7.8129,
14.3142


 15.7382, 7.8128,
14.3128

 16.1651, 8.2641,
15.6958

 16.7347, 8.9795,
17.1922

 17.5071, 10.0785,
18.8243

 18.5064, 11.6088,
20.6012

 19.7532, 13.6113,
22.5307

■ 21.2656, 16.1220,
24.6198

■ 23.0601, 19.1736,
26.8749

■ 25.1518, 22.7958,
29.3018

■ 27.5545, 27.0163,
31.9062

Harmonies

Analogous

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



13.1069, 7.8129, 29.8551



15.7384, 7.8129, 14.3142



15.7298, 7.8129, 4.4942

Triad

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



15.7384, 7.8129, 14.3142



5.8461, 7.8129, 0.0000



3.6910, 7.8129, 29.9497

Complementary

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



15.7384, 7.8129, 14.3142



11.9050, 22.9881, 6.5009

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.



2.7227, 7.8129, 14.3934



15.7384, 7.8129, 14.3142



3.6820, 7.8129, 0.9426

Square

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



15.7384, 7.8129, 14.3142



9.2449, 7.8129, 0.0000



2.7200, 7.8129, 4.5308



5.8627, 7.8129, 42.6311

Rectangle

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



15.7384, 7.8129, 14.3142



14.1899, 7.8129, 1.6332



2.7200, 7.8129, 4.5308



3.2480, 7.8129, 24.5183

Sweetspot

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



15.7386, 7.8133, 14.3143



41.0888, 33.9788, 47.8769



6.8728, 2.8791, 30.3306



8.7887, 7.0174, 10.2220



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.



15.7386, 7.8133, 14.3143



28.0991, 13.9574, 25.1793



13.3794, 6.8696, 1.8906



6.3804, 6.2913, 7.3831



13.0226, 6.4633, 11.9100



0.2107, 0.1030, 0.2624

Inverse Universe

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



15.7386, 7.8133, 14.3143



28.0991, 13.9574, 25.1793



14.9294, 24.1978, 22.4276



6.3804, 6.2913, 7.3831



13.0226, 6.4633, 11.9100



0.2107, 0.1030, 0.2624

Previews

White Background



This preview shows how the XYZ color 15.7384, 7.8129, 14.3142 looks on a white background.

Color Contrast Check

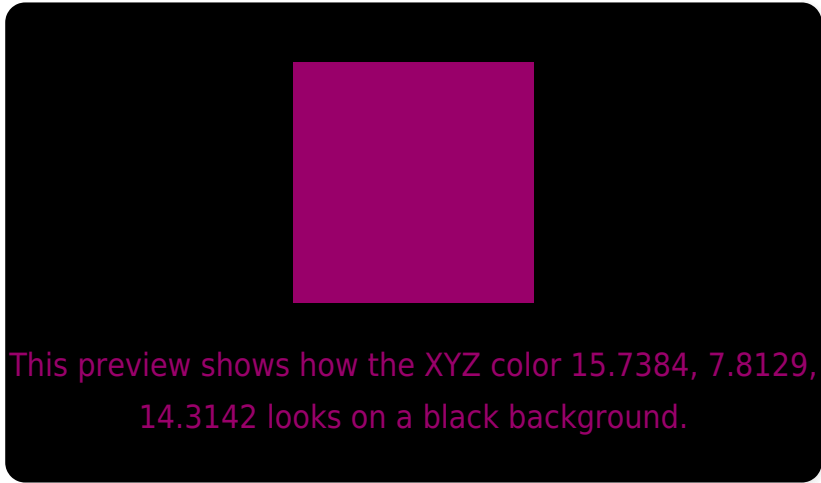
Large Text (above 18pt) WCAG AA ✓ Pass

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

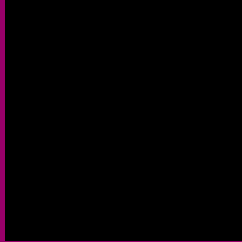
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7384, 7.8129, 14.3142

Background



This preview shows how black text looks on a background with the XYZ color 15.7384, 7.8129, 14.3142.



This preview shows how white text looks on a background with the XYZ color 15.7384, 7.8129,

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

15.7384, 7.8129, 14.3142

Protanopia

9.5813, 8.5525, 30.4240

Deuteranopia

8.6005, 8.4320, 12.9786



Tritanopia

13.6770, 8.2273, 3.2500

Trichromacy



Original Color

15.7384, 7.8129, 14.3142

Protanomaly

9.3033, 6.0482, 23.5988

Deuteranomaly

9.7664, 6.5151, 13.3132

Tritanomaly

13.9827, 7.6731, 6.0543

Monochromacy



Original Color

15.7384, 7.8129, 14.3142

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.4458, 4.1583, 7.1195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7384, 7.8129, 14.3142 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, 0, 106)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 106)  
}
```

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, 0, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.7384, 7.8129, 14.3142 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, 0, 106) }
```


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

```
.border{ border-color:rgb(153, 0, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 0, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 106);  
box-shadow:4px 4px 4px 4px rgb(153, 0,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7384, 7.8129, 14.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 106) }
```

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

```
.background{ background-color: rgb(153, 0,  
106) }
```

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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