

Converting Colors

XYZ(15.1254, 7.6239, 8.5471)

Have a look what the booklet for
XYZ(15.1254, 7.6239, 8.5471)
contains.

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Color

**XYZ(15.1955, 7.6620,
8.4626)**

Conversions

Conversions Part 1

Format	Color
Hex	9C0051
RGB	156, 0, 81
RGB Percent	61%, 0%, 32%
CMY	0.3882, 0.9999, 0.6824
CMYK	0.00, 1.00, 0.48, 0.39
HSL	329°, 100%, 31%
HSV	329°, 100%, 61%
XYZ	15.1955, 7.6620, 8.4626
YIQ	55.8780, 66.9750, 58.2630

Conversions

Conversions Part 2

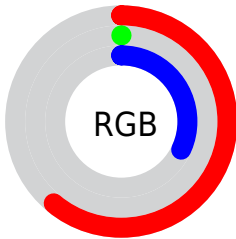
Format	Color
RYB	156, 0, 81
Decimal	10223697
CIELab	33.27, 59.00, -0.41
CIELCh	33, 59.006, 359.606
Yxy	7.6620, 0.4852, 0.2446
Android (android.graphics.Color)	4288413777 (0xFF9C0051)
YUV	55.8780, 12.3851, 87.8070
Hunter-Lab	27.6803, 49.5495, 1.2497

Details

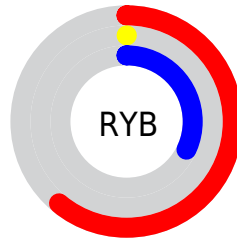
The XYZ color **15.1955, 7.6620, 8.4626** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13.1594, 24.2853, 10.6544**, and the grayscale version is **3.7232, 3.9171, 4.2658**.

A 20% lighter version of the original color is **34.6380, 21.2277, 23.3908**, and **5.3709, 2.7302, 1.9942** is the 20% darker color. If you saturate the color by 10%, you get **15.1951, 7.6618, 8.4606**, and if you desaturate by 10%, it is **15.6723, 8.1403, 10.0870**.

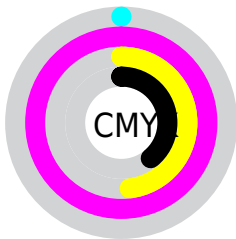
Distribution



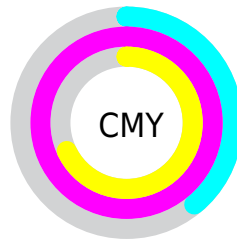
- Red (61%)
- Green (0%)
- Blue (32%)



- Red (61%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (39%)





- Cyan (39%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1955, 7.6620, 8.4626 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 15.1955, 7.6620, 8.4626 by changing the saturation by 10% instead.


 15.1955, 7.6620,
8.4626


 15.1955, 7.6620,
8.4626


217.9115,
173.0564, 189.3847


 9.0439, 3.8794,
4.3004


 34.7646, 21.2931,
23.4214


 4.8272, 1.6064,
1.7915

 48.9129, 31.9105,
35.0551


 2.1799, 0.3619,
0.4224

 66.4574, 45.5748,
50.0163

 0.7321, 0.0000,
0.0000

 87.7636, 62.6707,
68.7236

 0.0000, 0.0000,
0.0000

 113.1967, 83.5824,
91.5956

 143.1221,

108.6943, 119.0507

177.9053,
138.3908, 151.5076

15.1955, 7.6620,
8.4626

15.1955, 7.6620,
8.4626

15.1951, 7.6618,
8.4606

15.6723, 8.1403,
10.0870

16.3175, 8.9041,
11.9255

17.1932, 10.0761,
14.0035

18.3254, 11.7070,
16.3340

19.7363, 13.8398,
18.9285

■ 21.4457, 16.5127,
21.7977

■ 23.4713, 19.7600,
24.9515

■ 25.8296, 23.6133,
28.3990

■ 28.5358, 28.1018,
32.1489

Harmonies

Analogous

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



13.8738, 7.6620, 20.5916



15.1955, 7.6620, 8.4626



13.9380, 7.6620, 2.3640

Triad

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



15.1955, 7.6620, 8.4626



4.6763, 7.6620, 0.4235



4.6228, 7.6620, 34.1180

Complementary

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



15.1955, 7.6620, 8.4626



13.1594, 24.2853, 10.6544

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.



3.1770, 7.6620, 20.2162



15.1955, 7.6620, 8.4626



3.2011, 7.6620, 2.2759

Square

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



15.1955, 7.6620, 8.4626



7.3243, 7.6620, 0.0000



2.7427, 7.6620, 8.2238



7.2409, 7.6620, 40.5988

Rectangle

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



15.1955, 7.6620, 8.4626



11.9671, 7.6620, 0.8683



2.7427, 7.6620, 8.2238



4.0145, 7.6620, 29.8233

Sweetspot

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



15.1957, 7.6625, 8.4627



42.3903, 35.5007, 44.9560



8.7344, 3.8099, 31.7274



8.9996, 7.2831, 9.3897



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.1957, 7.6625, 8.4627



27.4987, 13.8761, 14.8401



13.7391, 7.0798, 0.7923



6.7696, 6.7008, 7.6380



12.5337, 6.3181, 7.0617



0.2454, 0.1215, 0.2386

Inverse Universe

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



15.1957, 7.6625, 8.4627



27.4987, 13.8761, 14.8401



17.4584, 26.0049, 33.2926



6.7696, 6.7008, 7.6380



12.5337, 6.3181, 7.0617



0.2454, 0.1215, 0.2386

Previews

White Background



This preview shows how the XYZ color 15.1955, 7.6620, 8.4626 looks on a white background.

Color Contrast Check

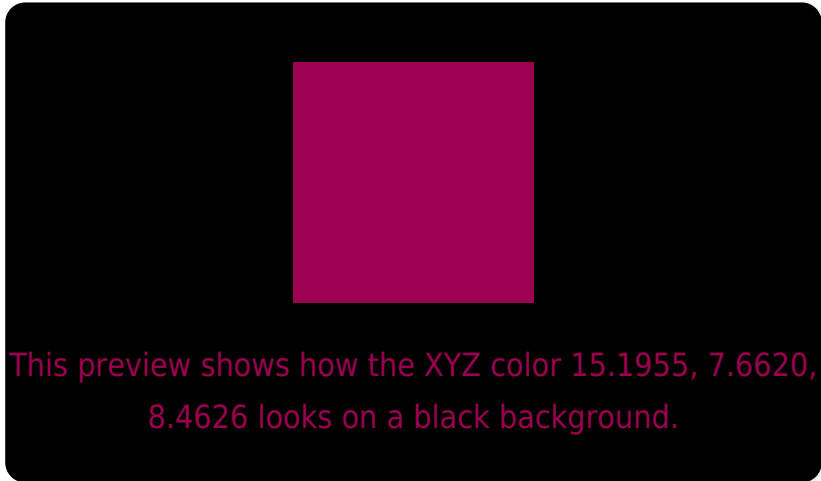
Large Text (above 18pt) WCAG AA ✓ Pass

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

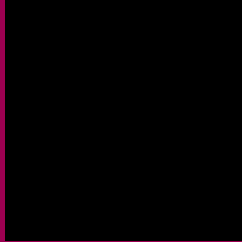
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1955, 7.6620, 8.4626

Background



This preview shows how black text looks on a background with the XYZ color 15.1955, 7.6620, 8.4626.



This preview shows how white text looks on a background with the XYZ color 15.1955, 7.6620, 8.4626.

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

15.1955, 7.6620, 8.4626

Protanopia

8.6053, 8.3238, 17.9827

Deuteranopia

8.3741, 8.2185, 7.6235



Tritanopia

14.1036, 8.0073, 2.1687

Trichromacy



Original Color

15.1955, 7.6620, 8.4626

Protanomaly

9.0493, 6.1338, 13.8037

Deuteranomaly

9.5504, 6.4619, 7.7651

Tritanomaly

14.3434, 7.6992, 3.7477

Monochromacy



Original Color

15.1955, 7.6620, 8.4626

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

5.9986, 3.9187, 5.4413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1955, 7.6620, 8.4626 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(156, 0, 81)` looks like.

```
.text, #text, p{  
    color:rgb(156, 0, 81)  
}
```

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(156, 0, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 0, 81) }
```

Border

The CSS property to change the border of an element to XYZ 15.1955, 7.6620, 8.4626 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(156, 0, 81) }
```


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

```
.border{ border-color:rgb(156, 0, 81) }
```

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

Here you see how a box with a 4 pixel rgb(156, 0, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 0, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 0, 81);  
box-shadow:4px 4px 4px 4px rgb(156, 0, 81)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.1955, 7.6620, 8.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 0, 81) }
```

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

```
.background{ background-color: rgb(156, 0,  
81) }
```

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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