

Converting Colors

XYZ(15.3254, 7.5927, 14.6248)

Have a look what the booklet for
XYZ(15.3254, 7.5927, 14.6248)
contains.

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Color

**XYZ(15.2315, 7.5456,
14.5636)**

Conversions

Conversions Part 1

Format	Color
Hex	96006B
RGB	150, 0, 107
RGB Percent	59%, 0%, 42%
CMY	0.4118, 0.9999, 0.5804
CMYK	0.00, 1.00, 0.29, 0.41
HSL	317°, 100%, 29%
HSV	317°, 100%, 59%
XYZ	15.2315, 7.5456, 14.5636
YIQ	57.0480, 55.0530, 65.0770

Conversions

Conversions Part 2

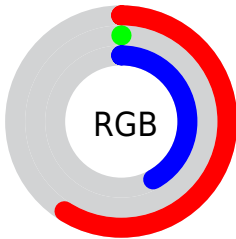
Format	Color
R_YB	150, 0, 107
Decimal	9830507
CIE _{Lab}	33.02, 60.30, -17.77
CIE _{LCh}	33, 62.863, 343.582
Yxy	7.5456, 0.4079, 0.2021
Android (android.graphics.Color)	4288020587 (0xFF96006B)
YUV	57.0480, 24.6263, 81.5189
Hunter-Lab	27.4693, 50.9057, -12.2058

Details

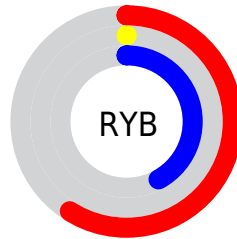
The XYZ color **15.2315, 7.5456, 14.5636** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **11.3430, 21.9874, 5.9336**, and the grayscale version is **3.8604, 4.0615, 4.4229**.

A 20% lighter version of the original color is **34.8549, 21.0820, 35.0331**, and **5.4055, 2.6955, 4.3730** is the 20% darker color. If you saturate the color by 10%, you get **15.2312, 7.5454, 14.5620**, and if you desaturate by 10%, it is **15.6346, 7.9806, 15.8423**.

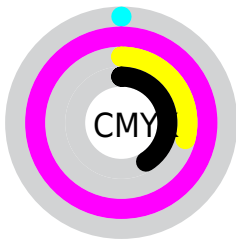
Distribution



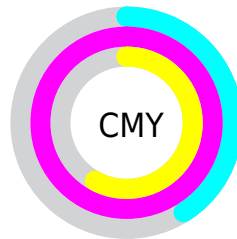
- Red (59%)
- Green (0%)
- Blue (42%)



- Red (59%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (41%)





- Cyan (41%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2315, 7.5456, 14.5636 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 15.2315, 7.5456, 14.5636 by changing the saturation by 10% instead.


 15.2315, 7.5456,
14.5636


 15.2315, 7.5456,
14.5636


218.1239,
172.1232, 232.2584

 9.0694, 3.8056,
8.3705


 34.8271, 21.0627,
34.8172


 4.8439, 1.5654,
4.2418

 48.9913, 31.6086,
49.7147

 2.1898, 0.3341,
1.7589

 66.5537, 45.1918,
68.3508

 0.7374, 0.0000,
0.4006


 87.8794, 62.1969,
91.1440


 0.0000, 0.0000,
0.0000

 113.3339, 83.0082,
118.5128

 143.2826,

108.0101, 150.8758


 178.0908,
137.5870, 188.6515


 15.2315, 7.5456,
14.5636


 15.2315, 7.5456,
14.5636


 15.2312, 7.5454,
14.5620

 15.6346, 7.9806,
15.8423

 16.1717, 8.6653,
17.2219

 16.9010, 9.7161,
18.7227

 17.8455, 11.1783,
20.3531

 19.0246, 13.0908,
22.1202

■ 20.4556, 15.4879,
24.0306

■ 22.1542, 18.4005,
26.0901

■ 24.1345, 21.8571,
28.3043

■ 26.4099, 25.8839,
30.6782

Harmonies

Analogous

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



12.5520, 7.5456, 29.9375



15.2315, 7.5456, 14.5636



15.3674, 7.5456, 4.6189

Triad

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



15.2315, 7.5456, 14.5636



5.7712, 7.5456, 0.0000



3.4623, 7.5456, 28.4434

Complementary

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



15.2315, 7.5456, 14.5636



11.3430, 21.9874, 5.9336

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.



2.5755, 7.5456, 13.3169



15.2315, 7.5456, 14.5636



3.6021, 7.5456, 0.7963

Square

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



15.2315, 7.5456, 14.5636



9.1377, 7.5456, 0.0000



2.6172, 7.5456, 4.0471



5.5104, 7.5456, 41.3331

Rectangle

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



15.2315, 7.5456, 14.5636



13.9361, 7.5456, 1.6752



2.6172, 7.5456, 4.0471



3.0515, 7.5456, 23.1008

Sweetspot

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



15.2317, 7.5460, 14.5637



38.9021, 32.1351, 45.8158



6.4813, 2.7056, 29.0348



8.3588, 6.6694, 9.8419



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.



15.2317, 7.5460, 14.5637



26.8015, 13.2847, 25.2864



12.8457, 6.5916, 1.9988



5.9651, 5.8811, 6.9226



12.6467, 6.2637, 12.1525



0.1675, 0.0818, 0.2159

Inverse Universe

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



15.2317, 7.5460, 14.5637



26.8015, 13.2847, 25.2864



14.1472, 23.1090, 20.7004



5.9651, 5.8811, 6.9226



12.6467, 6.2637, 12.1525



0.1675, 0.0818, 0.2159

Previews

White Background



This preview shows how the XYZ color 15.2315, 7.5456, 14.5636 looks on a white background.

Color Contrast Check

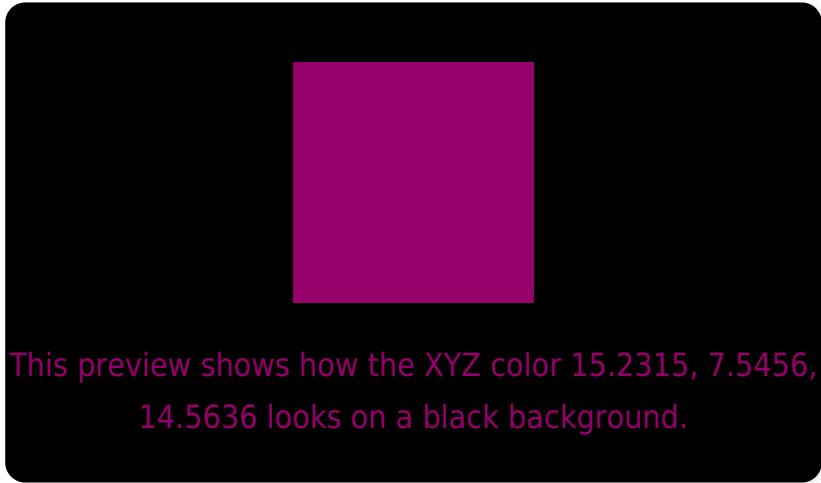
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2315, 7.5456, 14.5636

Background



This preview shows how black text looks on a background with the XYZ color 15.2315, 7.5456, 14.5636.



This preview shows how white text looks on a background with the XYZ color 15.2315, 7.5456,

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

15.2315, 7.5456, 14.5636

Protanopia

9.3063, 8.1872, 30.7956

Deuteranopia

8.3207, 8.1743, 13.1958



Tritanopia

13.1366, 7.9488, 3.2248

Trichromacy



Original Color

15.2315, 7.5456, 14.5636

Protanomaly

8.9779, 5.8081, 23.9404

Deuteranomaly

9.4145, 6.2637, 13.5448

Tritanomaly

13.4377, 7.3922, 6.0288

Monochromacy



Original Color

15.2315, 7.5456, 14.5636

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.2153, 3.9939, 7.0999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2315, 7.5456, 14.5636 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(150, 0, 107)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 107)  
}
```

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(150, 0, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 107) }
```

Border

The CSS property to change the border of an element to XYZ 15.2315, 7.5456, 14.5636 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(150, 0, 107) }
```


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

```
.border{ border-color:rgb(150, 0, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 0, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 107);  
box-shadow:4px 4px 4px 4px rgb(150, 0,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2315, 7.5456, 14.5636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 107) }
```

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

```
.background{ background-color: rgb(150, 0,  
107) }
```

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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