

Converting Colors

XYZ(15.4493, 7.7413, 10.8052)

Have a look what the booklet for
XYZ(15.4493, 7.7413, 10.8052)
contains.

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Color

**XYZ(15.4493, 7.7413,
10.8052)**

Conversions

Conversions Part 1

Format	Color
Hex	9B005C
RGB	155, 0, 92
RGB Percent	61%, 0%, 36%
CMY	0.3922, 0.9999, 0.6392
CMYK	0.00, 1.00, 0.41, 0.39
HSL	324°, 100%, 30%
HSV	324°, 100%, 61%
XYZ	15.4493, 7.7413, 10.8052
YIQ	56.8330, 62.8480, 61.4720

Conversions

Conversions Part 2

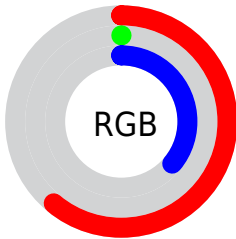
Format	Color
R_{YB}	155, 0, 92
Decimal	10158172
CIE Lab	33.44, 59.78, -7.36
CIE LCh	33, 60.228, 352.984
Yxy	7.7413, 0.4544, 0.2277
Android (android.graphics.Color)	4288348252 (0xFF9B005C)
YUV	56.8330, 17.3373, 86.0925
Hunter-Lab	27.8232, 50.4246, -3.5492

Details

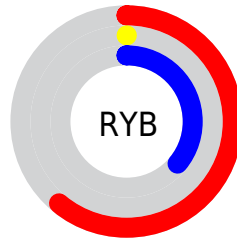
The XYZ color **15.4493, 7.7413, 10.8052** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.6194, 23.8018, 8.6351**, and the grayscale version is **3.8411, 4.0411, 4.4007**.

A 20% lighter version of the original color is **35.1985, 21.4180, 27.8701**, and **5.5301, 2.7939, 2.8326** is the 20% darker color. If you saturate the color by 10%, you get **15.4488, 7.7411, 10.8030**, and if you desaturate by 10%, it is **15.9147, 8.2127, 12.3764**.

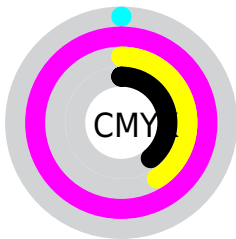
Distribution



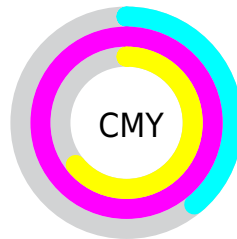
- Red (61%)
- Green (0%)
- Blue (36%)



- Red (61%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (39%)




- Cyan (39%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4493, 7.7413, 10.8052 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 15.4493, 7.7413, 10.8052 by changing the saturation by 10% instead.


 15.4493, 7.7413,
10.8052


 15.4493, 7.7413,
10.8052


219.4047,
173.6886, 207.0154


 9.2237, 3.9299,
5.8235


 35.2047, 21.4497,
27.9305


 4.9456, 1.6344,
2.6710

 49.4652, 32.1155,
40.9112


 2.2498, 0.3806,
0.9288

 67.1347, 45.8348,
57.3952

 0.7688, 0.0000,
0.0000

 88.5786, 62.9921,
77.8012

 0.0000, 0.0000,
0.0000

 114.1621, 83.9717,
102.5477

 144.2508,

109.1580, 132.0532

179.2098,
138.9356, 166.7363

15.4493, 7.7413,
10.8052

15.4493, 7.7413,
10.8052

15.4488, 7.7411,
10.8030

15.9147, 8.2127,
12.3764

16.5375, 8.9615,
14.1157

17.3790, 10.1092,
16.0462

18.4643, 11.7055,
18.1788

19.8150, 13.7926,
20.5229

■ 21.4501, 16.4078,
23.0872

■ 23.3869, 19.5850,
25.8799

■ 25.6412, 23.3549,
28.9084

■ 28.2276, 27.7463,
32.1796

Harmonies

Analogous

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



13.5481, 7.7413, 24.4105



15.4493, 7.7413, 10.8052



14.7254, 7.7413, 3.2001

Triad

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



15.4493, 7.7413, 10.8052



5.1808, 7.7413, 0.1542



4.2048, 7.7413, 32.2580

Complementary

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



15.4493, 7.7413, 10.8052



12.6194, 23.8018, 8.6351

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.



2.9792, 7.7413, 17.5076



15.4493, 7.7413, 10.8052



3.4161, 7.7413, 1.5992

Square

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



15.4493, 7.7413, 10.8052



8.1465, 7.7413, 0.0000



2.7404, 7.7413, 6.4294



6.6218, 7.7413, 41.5061

Rectangle

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



15.4493, 7.7413, 10.8052



12.9305, 7.7413, 1.1733



2.7404, 7.7413, 6.4294



3.6725, 7.7413, 27.4217

Sweetspot

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



15.4495, 7.7417, 10.8053



41.6598, 34.7038, 46.0364



7.9041, 3.3916, 31.2482



9.1092, 7.3269, 9.9666



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.



15.4495, 7.7417, 10.8053



27.5720, 13.8253, 18.8445



13.6077, 7.0050, 1.1066



6.3549, 6.2811, 7.2488



12.4279, 6.2254, 8.7783



0.2038, 0.1003, 0.2259

Inverse Universe

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



15.4495, 7.7417, 10.8053



27.5720, 13.8253, 18.8445



16.4185, 25.3215, 28.6410



6.3549, 6.2811, 7.2488



12.4279, 6.2254, 8.7783



0.2038, 0.1003, 0.2259

Previews

White Background



This preview shows how the XYZ color 15.4493, 7.7413, 10.8052 looks on a white background.

Color Contrast Check

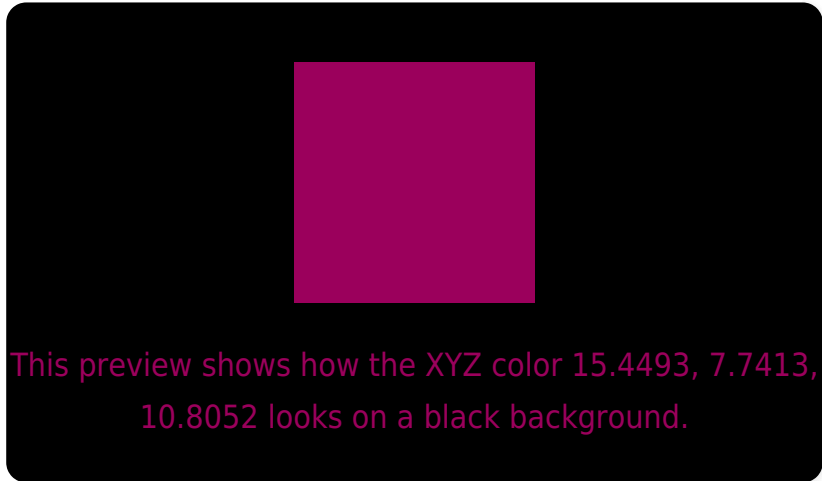
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4493, 7.7413, 10.8052

Background



This preview shows how black text looks on a background with the XYZ color 15.4493, 7.7413, 10.8052.



This preview shows how white text looks on a background with the XYZ color 15.4493, 7.7413,

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

15.4493, 7.7413, 10.8052

Protanopia

9.0201, 8.4274, 22.9810

Deuteranopia

8.4602, 8.3225, 9.7548



Tritanopia

13.9137, 8.0707, 2.5747

Trichromacy



Original Color

15.4493, 7.7413, 10.8052

Protanomaly

9.2186, 6.1388, 17.5287

Deuteranomaly

9.5841, 6.4305, 9.9686

Tritanomaly

14.1818, 7.6805, 4.6059

Monochromacy



Original Color

15.4493, 7.7413, 10.8052

Achromatopsia

3.8890, 4.0915, 4.4557

Achromatomaly

6.2506, 4.0311, 6.2430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4493, 7.7413, 10.8052 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(155, 0, 92)` looks like.

```
.text, #text, p{  
    color:rgb(155, 0, 92)  
}
```

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(155, 0, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 0, 92) }
```

Border

The CSS property to change the border of an element to XYZ 15.4493, 7.7413, 10.8052 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(155, 0, 92) }
```


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

```
.border{ border-color:rgb(155, 0, 92) }
```

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

Here you see how a box with a 4 pixel rgb(155, 0, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 0, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 0, 92);  
box-shadow:4px 4px 4px 4px rgb(155, 0, 92)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.4493, 7.7413, 10.8052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 0, 92) }
```

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

```
.background{ background-color: rgb(155, 0,  
92) }
```

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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