

Converting Colors

XYZ(15.2092, 7.6899, 7.5202)

Have a look what the booklet for
XYZ(15.2092, 7.6899, 7.5202)
contains.

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Color

**XYZ(15.2091, 7.6899,
7.5202)**

Conversions

Conversions Part 1

Format	Color
Hex	9D004C
RGB	157, 0, 76
RGB Percent	62%, 0%, 30%
CMY	0.3843, 0.9999, 0.7020
CMYK	0.00, 1.00, 0.52, 0.38
HSL	331°, 100%, 31%
HSV	331°, 100%, 62%
XYZ	15.2091, 7.6899, 7.5202
YIQ	55.6070, 69.1760, 56.9200

Conversions

Conversions Part 2

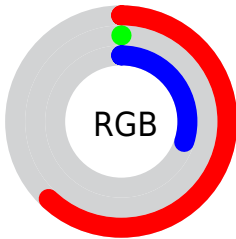
Format	Color
R_{YB}	157, 0, 76
Decimal	10289228
CIE Lab	33.33, 58.83, 2.99
CIE LCh	33, 58.904, 2.911
Yxy	7.6899, 0.5000, 0.2528
Android (android.graphics.Color)	4288479308 (0xFF9D004C)
YUV	55.6070, 10.0537, 88.9217
Hunter-Lab	27.7307, 49.3710, 3.3328

Details

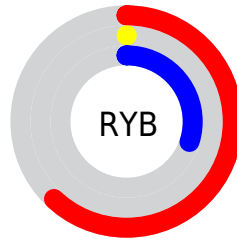
The XYZ color **15.2091, 7.6899, 7.5202** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **13.5432, 24.7083, 11.8444**, and the grayscale version is **3.6914, 3.8837, 4.2293**.

A 20% lighter version of the original color is **34.9014, 21.4013, 21.6934**, and **5.4201, 2.7625, 1.6864** is the 20% darker color. If you saturate the color by 10%, you get **15.2086, 7.6897, 7.5180**, and if you desaturate by 10%, it is **15.6900, 8.1722, 9.1588**.

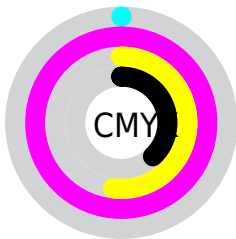
Distribution



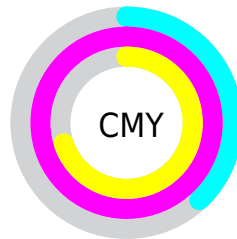
- Red (62%)
- Green (0%)
- Blue (30%)



- Red (62%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (38%)





- Cyan (38%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2091, 7.6899, 7.5202 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 15.2091, 7.6899, 7.5202 by changing the saturation by 10% instead.


 15.2091, 7.6899,
7.5202


 15.2091, 7.6899,
7.5202


217.9917,
173.2791, 181.7105


 9.0535, 3.8972,
3.7062


 34.7882, 21.3482,
21.5428


 4.8335, 1.6162,
1.4656

 48.9425, 31.9826,
32.5883


 2.1837, 0.3685,
0.1921

 66.4938, 45.6664,
46.8815

 0.7341, 0.0000,
0.0000


 87.8073, 62.7839,
64.8409


 0.0000, 0.0000,
0.0000


 113.2485, 83.7195,
86.8849


 143.1828,


108.8577, 113.4322

 177.9754,
138.5827, 144.9012


 15.2091, 7.6899,
7.5202


 15.2091, 7.6899,
7.5202


 15.2086, 7.6897,
7.5180

 15.6900, 8.1722,
9.1588

 16.3463, 8.9465,
11.0370

 17.2410, 10.1369,
13.1817

 18.4006, 11.7948,
15.6074

 19.8481, 13.9642,
18.3270

■ 21.6037, 16.6838,
21.3523

■ 23.6856, 19.9887,
24.6946

■ 26.1108, 23.9109,
28.3640

■ 28.8947, 28.4802,
32.3706

Harmonies

Analogous

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



14.1608, 7.6899, 19.0564



15.2091, 7.6899, 7.5202



13.6867, 7.6899, 2.0314

Triad

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



15.2091, 7.6899, 7.5202



4.4804, 7.6899, 0.5601



4.8771, 7.6899, 35.3752

Complementary

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



15.2091, 7.6899, 7.5202



13.5432, 24.7083, 11.8444

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.



3.3034, 7.6899, 21.8287



15.2091, 7.6899, 7.5202



3.1251, 7.6899, 2.6867

Square

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



15.2091, 7.6899, 7.5202



7.0048, 7.6899, 0.0000



2.7660, 7.6899, 9.2879



7.6219, 7.6899, 40.5366

Rectangle

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



15.2091, 7.6899, 7.5202



11.6184, 7.6899, 0.7324



2.7660, 7.6899, 9.2879



4.2237, 7.6899, 31.3298

Sweetspot

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



15.2093, 7.6904, 7.5203



42.1812, 35.4171, 43.8551



9.2700, 4.0762, 32.1963



8.9493, 7.2629, 9.1245



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.



15.2093, 7.6904, 7.5203



27.1414, 13.7332, 12.9588



13.9049, 7.1686, 0.6515



6.7601, 6.6970, 7.5878



12.3709, 6.2529, 6.2040



0.2425, 0.1203, 0.2231

Inverse Universe

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



15.2093, 7.6904, 7.5203



27.1414, 13.7332, 12.9588



18.1429, 26.5482, 36.0662



6.7601, 6.6970, 7.5878



12.3709, 6.2529, 6.2040



0.2425, 0.1203, 0.2231

Previews

White Background



This preview shows how the XYZ color 15.2091, 7.6899, 7.5202 looks on a white background.

Color Contrast Check

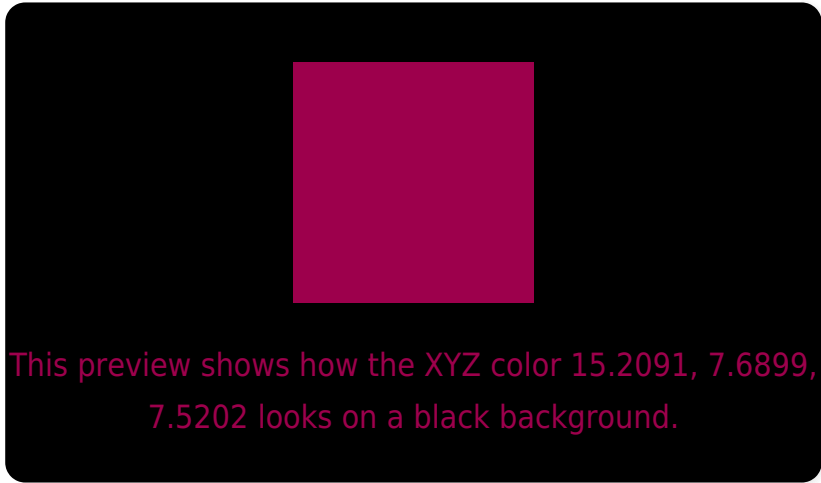
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2091, 7.6899, 7.5202

Background



This preview shows how black text looks on a background with the XYZ color 15.2091, 7.6899, 7.5202.



This preview shows how white text looks on a background with the XYZ color 15.2091, 7.6899,

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

15.2091, 7.6899, 7.5202

Protanopia

8.5046, 8.4271, 15.9302

Deuteranopia

8.4147, 8.2581, 6.7807



Tritanopia

14.2162, 7.9908, 2.0214

Trichromacy



Original Color

15.2091, 7.6899, 7.5202

Protanomaly

9.1415, 6.2809, 12.2858

Deuteranomaly

9.6464, 6.5310, 6.8831

Tritanomaly

14.4563, 7.7389, 3.4212

Monochromacy



Original Color

15.2091, 7.6899, 7.5202

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

6.0423, 3.9478, 5.1462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2091, 7.6899, 7.5202 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(157, 0, 76)` looks like.

```
.text, #text, p{  
    color:rgb(157, 0, 76)  
}
```

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(157, 0, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 0, 76) }
```

Border

The CSS property to change the border of an element to XYZ 15.2091, 7.6899, 7.5202 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(157, 0, 76) }
```


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

```
.border{ border-color:rgb(157, 0, 76) }
```

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

Here you see how a box with a 4 pixel rgb(157, 0, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 0, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 0, 76);  
box-shadow:4px 4px 4px 4px rgb(157, 0, 76)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.2091, 7.6899, 7.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 0, 76) }
```

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

```
.background{ background-color: rgb(157, 0,  
76) }
```

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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