

Converting Colors

XYZ(15.7422, 8.6386, 7.1991)

Have a look what the booklet for
XYZ(15.7422, 8.6386, 7.1991)
contains.

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Color

**XYZ(15.7425, 8.6289,
7.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	9E1D49
RGB	158, 29, 73
RGB Percent	62%, 11%, 29%
CMY	0.3804, 0.8862, 0.7137
CMYK	0.00, 0.82, 0.54, 0.38
HSL	340°, 69%, 37%
HSV	340°, 82%, 62%
XYZ	15.7425, 8.6289, 7.1391
YIQ	72.5870, 62.7600, 41.0320

Conversions

Conversions Part 2

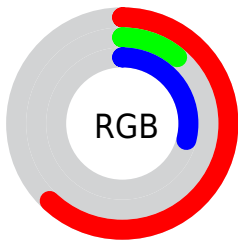
Format	Color
R_{YB}	158, 29, 73
Decimal	10362185
CIE _{Lab}	35.26, 53.64, 7.73
CIE _{LCh}	35, 54.195, 8.202
Yxy	8.6289, 0.4996, 0.2738
Android (android.graphics.Color)	4288552265 (0xFF9E1D49)
YUV	72.5870, 0.2036, 74.9072
Hunter-Lab	29.3750, 44.2546, 6.1530

Details

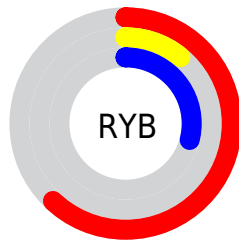
The XYZ color **15.7425, 8.6289, 7.1391** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **15.7717, 25.9301, 20.0967**, and the grayscale version is **6.2539, 6.5796, 7.1652**.

A 20% lighter version of the original color is **35.5562, 23.1116, 20.6761**, and **5.4899, 2.8031, 1.4800** is the 20% darker color. If you saturate the color by 10%, you get **15.1329, 7.9166, 5.3730**, and if you desaturate by 10%, it is **16.6090, 9.7624, 9.2762**.

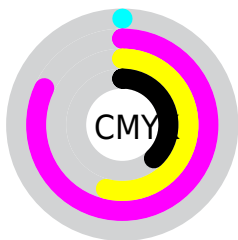
Distribution



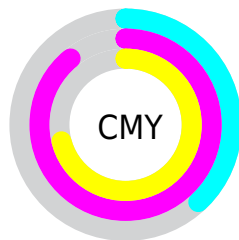
- Red (62%)
- Green (11%)
- Blue (29%)



- Red (62%)
- Yellow (11%)
- Blue (29%)



- Cyan (0%)
- Magenta (82%)
- Yellow (54%)
- Black (38%)




- Cyan (38%)
- Magenta (89%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7425, 8.6289, 7.1391 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 15.7425, 8.6289, 7.1391 by changing the saturation by 10% instead.


 15.7425, 8.6289,
7.1391

 15.7425, 8.6289,
7.1391


221.1178,
180.5849, 178.4891


 9.4318, 4.4999,
3.4695


 35.7117, 23.1824,
20.7701


 5.0832, 1.9570,
1.3391

 50.1008, 34.3758,
31.5686


 2.3314, 0.5823,
0.0935

 67.9136, 48.6927,
45.5804

 0.8107, 0.0000,
0.0000

 89.5152, 66.5176,
63.2242

 0.0000, 0.0000,
0.0000

 115.2711, 88.2349,
84.9184

 145.5466,

114.2289, 111.0816

180.7070,
144.8841, 142.1323

■ 15.7425, 8.6289,
7.1391

■ 15.7425, 8.6289,
7.1391

■ 15.1329, 7.9166,
5.3730

■ 16.6090, 9.7624,
9.2762

■ 14.7636, 7.5343,
4.1517

■ 17.7610, 11.3702,
11.8068

■ 19.2240, 13.4991,
14.7518

■ 21.0202, 16.1898,
18.1304

■ 23.1697, 19.4788,
21.9603

■ 25.6909, 23.3997,
26.2583

■ 28.6010, 27.9835,
31.0401

■ 31.9161, 33.2592,
36.3207

■ 35.6512, 39.2540,
42.1145

Harmonies

Analogous

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



15.1782, 8.6289, 17.3862



15.7425, 8.6289, 7.1391



13.9171, 8.6289, 2.2475

Triad

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



15.7425, 8.6289, 7.1391



5.0067, 8.6289, 1.3067



6.1583, 8.6289, 36.3153

Complementary

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



15.7425, 8.6289, 7.1391



15.7717, 25.9301, 20.0967

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.



4.3143, 8.6289, 24.6505



15.7425, 8.6289, 7.1391



3.7772, 8.6289, 4.3277

Square

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



15.7425, 8.6289, 7.1391



7.3703, 8.6289, 0.5000



3.5609, 8.6289, 12.0831



9.0929, 8.6289, 38.9867

Rectangle

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



15.7425, 8.6289, 7.1391



11.8104, 8.6289, 1.0314



3.5609, 8.6289, 12.0831



5.4147, 8.6289, 33.0715

Sweetspot

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



15.7427, 8.6294, 7.1392



45.2884, 40.3586, 45.3878



13.4024, 6.8489, 32.9632



9.8598, 8.5535, 9.6364



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.7427, 8.6294, 7.1392



26.8594, 13.7735, 7.5743



15.3941, 9.5013, 2.1857



6.7218, 6.6816, 7.3859



11.8411, 6.0410, 3.4144



0.2305, 0.1155, 0.1600

Inverse Universe

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



15.7427, 8.6294, 7.1392



26.8594, 13.7735, 7.5743



15.8608, 21.0944, 35.5832



6.7218, 6.6816, 7.3859



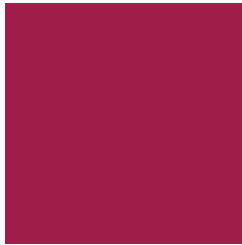
11.8411, 6.0410, 3.4144



0.2305, 0.1155, 0.1600

Previews

White Background



This preview shows how the XYZ color 15.7425, 8.6289, 7.1391 looks on a white background.

Color Contrast Check

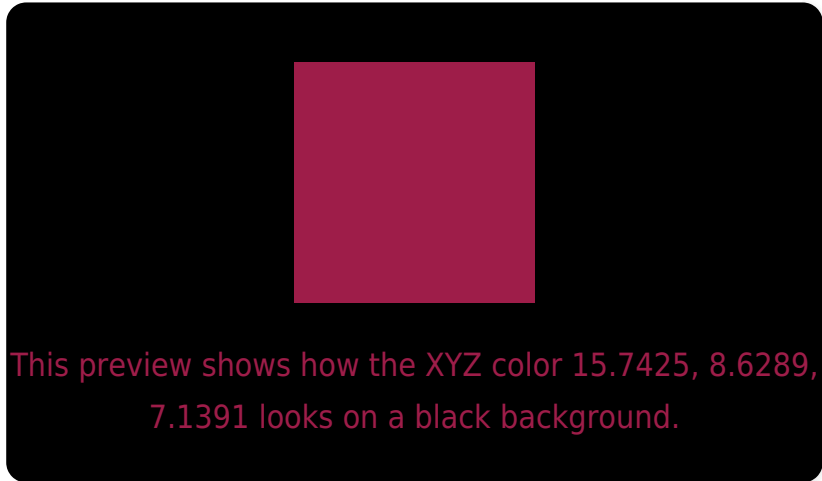
Large Text (above 18pt) WCAG AA ✓ Pass

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

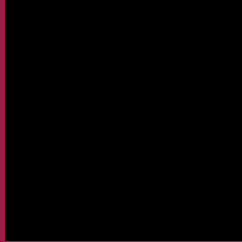
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7425, 8.6289, 7.1391

Background



This preview shows how black text looks on a background with the XYZ color 15.7425, 8.6289, 7.1391.



This preview shows how white text looks on a background with the XYZ color 15.7425, 8.6289,

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

15.7425, 8.6289, 7.1391

Protanopia

8.9126, 9.0296, 13.5851

Deuteranopia

9.1011, 8.9428, 6.5566



Tritanopia

14.7864, 8.6073, 2.8895

Trichromacy



Original Color

15.7425, 8.6289, 7.1391

Protanomaly

10.0284, 7.6733, 10.8501

Deuteranomaly

10.5425, 7.8680, 6.5932

Tritanomaly

15.1255, 8.6181, 4.1151

Monochromacy



Original Color

15.7425, 8.6289, 7.1391

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

8.3746, 6.3504, 7.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7425, 8.6289, 7.1391 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(158, 29, 73)` looks like.

```
.text, #text, p{  
  color:rgb(158, 29, 73)  
}
```

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(158, 29, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 29, 73) }
```

Border

The CSS property to change the border of an element to XYZ 15.7425, 8.6289, 7.1391 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(158, 29, 73) }
```


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

```
.border{ border-color:rgb(158, 29, 73) }
```

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

Here you see how a box with a 4 pixel rgb(158, 29, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 29, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 29, 73);  
box-shadow:4px 4px 4px 4px rgb(158, 29,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7425, 8.6289, 7.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 29, 73) }
```

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

```
.background{ background-color: rgb(158, 29,  
73) }
```

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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