

Converting Colors

XYZ(15.7759, 8.9465, 2.4864)

Have a look what the booklet for
XYZ(15.7759, 8.9465, 2.4864)
contains.

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Color

**XYZ(15.7757, 8.9468,
2.4855)**

Conversions

Conversions Part 1

Format	Color
Hex	A22223
RGB	162, 34, 35
RGB Percent	64%, 13%, 14%
CMY	0.3647, 0.8666, 0.8627
CMYK	0.00, 0.79, 0.78, 0.36
HSL	360°, 65%, 38%
HSV	360°, 79%, 64%
XYZ	15.7757, 8.9468, 2.4855
YIQ	72.3860, 75.9670, 27.4470

Conversions

Conversions Part 2

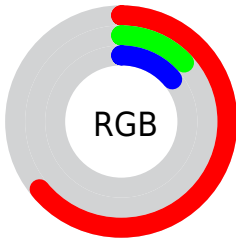
Format	Color
R_{YB}	162, 34, 35
Decimal	10625571
CIE Lab	35.88, 51.15, 32.72
CIE LCh	36, 60.721, 32.602
Yxy	8.9468, 0.5798, 0.3288
Android (android.graphics.Color)	4288815651 (0xFFA22223)
YUV	72.3860, -18.4313, 78.5915
Hunter-Lab	29.9112, 41.7995, 16.0111

Details

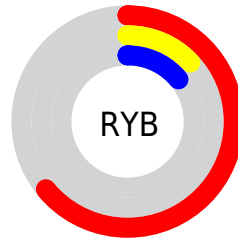
The XYZ color **15.7757, 8.9468, 2.4855** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **20.0142, 28.7543, 38.2182**, and the grayscale version is **6.2486, 6.5740, 7.1591**.

A 20% lighter version of the original color is **35.9295, 23.9087, 10.3106**, and **5.4795, 2.8248, 0.2564** is the 20% darker color. If you saturate the color by 10%, you get **15.2303, 8.1546, 1.3840**, and if you desaturate by 10%, it is **16.6490, 10.2203, 4.2358**.

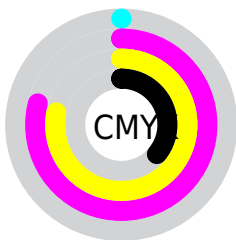
Distribution



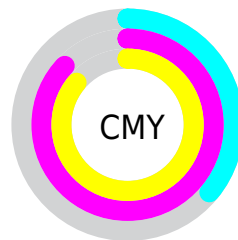
- Red (64%)
- Green (13%)
- Blue (14%)



- Red (64%)
- Yellow (13%)
- Blue (14%)



- Cyan (0%)
- Magenta (79%)
- Yellow (78%)
- Black (36%)




- Cyan (36%)
- Magenta (87%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.7757, 8.9468, 2.4855 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 15.7757, 8.9468, 2.4855 by changing the saturation by 10% instead.


 15.7757, 8.9468,
2.4855


 15.7757, 8.9468,
2.4855


221.3110,
182.9805, 129.5108


 9.4554, 4.7065,
0.8325


 35.7690, 23.7947,
10.3300


 5.0989, 2.0761,
0.0000

 50.1727, 35.1711,
17.3646


 2.3407, 0.6511,
0.0000

 68.0015, 49.6950,
27.0319

 0.8154, 0.0000,
0.0000

 89.6209, 67.7508,
39.7507

 0.0000, 0.0000,
0.0000

 115.3962, 89.7228,
55.9395

 145.6928,

115.9955, 76.0167

180.8759,
146.9533, 100.4010

15.7757, 8.9468,
2.4855

15.7757, 8.9468,
2.4855

15.2303, 8.1546,
1.3840

16.6490, 10.2203,
4.2358

14.9333, 7.7225,
0.7854

17.8901, 12.0330,
6.7134

14.9071, 7.6841,
0.7334

19.5337, 14.4364,
9.9860

21.6105, 17.4757,
14.1136

24.1482, 21.1916,
19.1502

■ 27.1720, 25.6214,
25.1457

■ 30.7054, 30.7997,
32.1460

■ 34.7706, 36.7588,
40.1944

■ 39.3881, 43.5292,
49.3313

Harmonies

Analogous

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



17.4701, 8.9468, 8.8683



15.7757, 8.9468, 2.4855



12.1061, 8.9468, 0.5562

Triad

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



15.7757, 8.9468, 2.4855



3.7172, 8.9468, 3.1674



8.8220, 8.9468, 46.0356

Complementary

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



15.7757, 8.9468, 2.4855



20.0142, 28.7543, 38.2182

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.



5.6978, 8.9468, 40.1018



15.7757, 8.9468, 2.4855



3.2912, 8.9468, 10.6703

Square

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



15.7757, 8.9468, 2.4855



5.2908, 8.9468, 0.7489



3.9013, 8.9468, 24.8164



12.8086, 8.9468, 37.8326

Rectangle

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



15.7757, 8.9468, 2.4855



9.4271, 8.9468, 0.1153



3.9013, 8.9468, 24.8164



7.6426, 8.9468, 45.6293

Sweetspot

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



15.7759, 8.9473, 2.4856



46.2248, 41.9657, 39.4962



21.5644, 11.2131, 35.2100



9.9770, 8.8323, 8.0678



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



15.7759, 8.9473, 2.4856



27.2327, 14.2018, 1.6581



19.3603, 16.1393, 3.6090



7.0759, 7.0868, 7.3861



11.7450, 6.0541, 0.5818



0.2474, 0.1275, 0.0155

Inverse Universe

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



15.7759, 8.9473, 2.4856



27.2327, 14.2018, 1.6581



11.7520, 12.0898, 35.8964



7.0759, 7.0868, 7.3861



11.7450, 6.0541, 0.5818



0.2474, 0.1275, 0.0155

Previews

White Background



This preview shows how the XYZ color 15.7757, 8.9468, 2.4855 looks on a white background.

Color Contrast Check

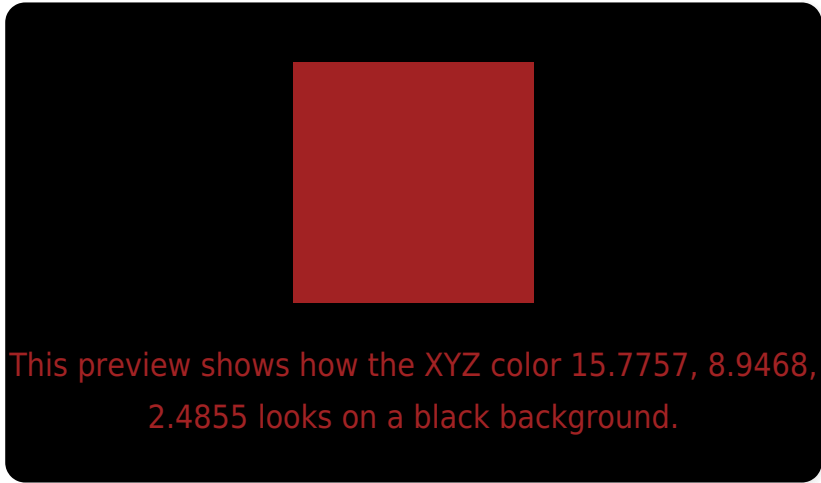
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7757, 8.9468, 2.4855

Background



This preview shows how black text looks on a background with the XYZ color 15.7757, 8.9468, 2.4855.



This preview shows how white text looks on a background with the XYZ color 15.7757, 8.9468,

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

15.7757, 8.9468, 2.4855

Protanopia

8.5196, 9.2655, 4.3570

Deuteranopia

9.3022, 9.1432, 2.1942



Tritanopia

15.7611, 8.9409, 2.4084

Trichromacy



Original Color

15.7757, 8.9468, 2.4855

Protanomaly

10.0886, 8.1257, 3.5193

Deuteranomaly

10.9573, 8.3447, 2.1956

Tritanomaly

15.7611, 8.9409, 2.4084

Monochromacy



Original Color

15.7757, 8.9468, 2.4855

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

8.1282, 6.3451, 4.9340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7757, 8.9468, 2.4855 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(162, 34, 35)` looks like.

```
.text, #text, p{  
    color:rgb(162, 34, 35)  
}
```

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(162, 34, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 34, 35) }
```

Border

The CSS property to change the border of an element to XYZ 15.7757, 8.9468, 2.4855 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(162, 34, 35) }
```


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

```
.border{ border-color:rgb(162, 34, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 34, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 34, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 34, 35);  
box-shadow:4px 4px 4px 4px rgb(162, 34,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7757, 8.9468, 2.4855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 34, 35) }
```

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

```
.background{ background-color: rgb(162, 34,  
35) }
```

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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