

Converting Colors

XYZ(15.0102, 8.3674, 5.5067)

Have a look what the booklet for
XYZ(15.0102, 8.3674, 5.5067)
contains.

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Color

**XYZ(15.0975, 8.4068,
5.5296)**

Conversions

Conversions Part 1

Format	Color
Hex	9C1F3F
RGB	156, 31, 63
RGB Percent	61%, 12%, 25%
CMY	0.3882, 0.8784, 0.7529
CMYK	0.00, 0.80, 0.60, 0.39
HSL	345°, 67%, 37%
HSV	345°, 80%, 61%
XYZ	15.0975, 8.4068, 5.5296
YIQ	72.0230, 64.2280, 36.4520

Conversions

Conversions Part 2

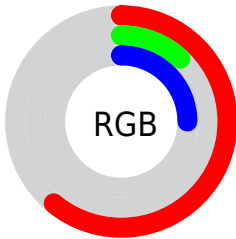
Format	Color
R_{YB}	156, 31, 63
Decimal	10231615
CIE Lab	34.82, 51.75, 13.55
CIE LCh	35, 53.495, 14.672
Yxy	8.4068, 0.5200, 0.2896
Android (android.graphics.Color)	4288421695 (0xFF9C1F3F)
YUV	72.0230, -4.4483, 73.6478
Hunter-Lab	28.9945, 42.2051, 8.9888

Details

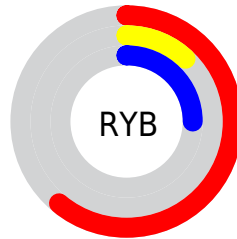
The XYZ color **15.0975, 8.4068, 5.5296** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **16.0925, 25.5238, 23.1504**, and the grayscale version is **6.1641, 6.4851, 7.0622**.

A 20% lighter version of the original color is **34.7058, 22.8695, 17.3369**, and **5.1724, 2.6508, 0.9485** is the 20% darker color. If you saturate the color by 10%, you get **14.4932, 7.6637, 3.8930**, and if you desaturate by 10%, it is **15.9679, 9.5726, 7.5925**.

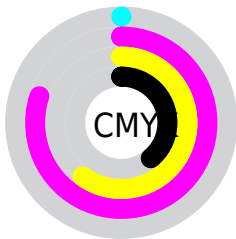
Distribution



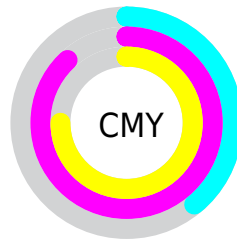
- Red (61%)
- Green (12%)
- Blue (25%)



- Red (61%)
- Yellow (12%)
- Blue (25%)



- Cyan (0%)
- Magenta (80%)
- Yellow (60%)
- Black (39%)




- Cyan (39%)
- Magenta (88%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0975, 8.4068, 5.5296 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 15.0975, 8.4068, 5.5296 by changing the saturation by 10% instead.


 15.0975, 8.4068,
5.5296


 15.0975, 8.4068,
5.5296


217.3323,
178.8888, 163.9538


 8.9746, 4.3563,
2.4971


 34.5944, 22.7522,
17.4069


 4.7816, 1.8748,
0.8386

 48.6991, 33.8158,
27.0888


 2.1531, 0.5332,
0.0000

 66.1951, 47.9860,
39.8243

 0.7179, 0.0000,
0.0000

 87.4478, 65.6472,
56.0319

 0.0000, 0.0000,
0.0000

 112.8225, 87.1836,
76.1301

 142.6846,

112.9798, 100.5374

177.3994,
143.4201, 129.6725

■ 15.0975, 8.4068,
5.5296

■ 15.0975, 8.4068,
5.5296

■ 14.4932, 7.6637,
3.8930

■ 15.9679, 9.5726,
7.5925

■ 14.0920, 7.2206,
2.6519

■ 17.1327, 11.2114,
10.1106

■ 18.6174, 13.3683,
13.1104

■ 20.4442, 16.0822,
16.6162

■ 22.6334, 19.3888,
20.6505

■ 25.2037, 23.3203,
25.2345

■ 28.1724, 27.9069,
30.3882

■ 31.5557, 33.1767,
36.1304

■ 35.3690, 39.1562,
42.4793

Harmonies

Analogous

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



15.0710, 8.4068, 14.3395



15.0975, 8.4068, 5.5296



12.9187, 8.4068, 1.7017

Triad

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



15.0975, 8.4068, 5.5296



4.5407, 8.4068, 1.6579



6.5406, 8.4068, 36.7152

Complementary

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



15.0975, 8.4068, 5.5296



16.0925, 25.5238, 23.1504

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.



4.5083, 8.4068, 26.7258



15.0975, 8.4068, 5.5296



3.5697, 8.4068, 5.3983

Square

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



15.0975, 8.4068, 5.5296



6.5974, 8.4068, 0.5787



3.5596, 8.4068, 14.0912



9.5669, 8.4068, 36.8406

Rectangle

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



15.0975, 8.4068, 5.5296



10.7657, 8.4068, 0.8162



3.5596, 8.4068, 14.0912



5.7385, 8.4068, 34.2113

Sweetspot

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



15.0977, 8.4073, 5.5297



43.6578, 39.1046, 42.0835



14.6121, 7.5674, 32.1428



9.2717, 8.0931, 8.6611



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.



15.0977, 8.4073, 5.5297



25.7614, 13.3229, 5.2547



15.5827, 10.4169, 2.4864



6.6993, 6.6726, 7.2675



11.6200, 5.9526, 2.2498



0.2234, 0.1127, 0.1224

Inverse Universe

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



15.0977, 8.4073, 5.5297



25.7614, 13.3229, 5.2547



14.1343, 17.8280, 34.1485



6.6993, 6.6726, 7.2675



11.6200, 5.9526, 2.2498



0.2234, 0.1127, 0.1224

Previews

White Background



This preview shows how the XYZ color 15.0975, 8.4068, 5.5296 looks on a white background.

Color Contrast Check

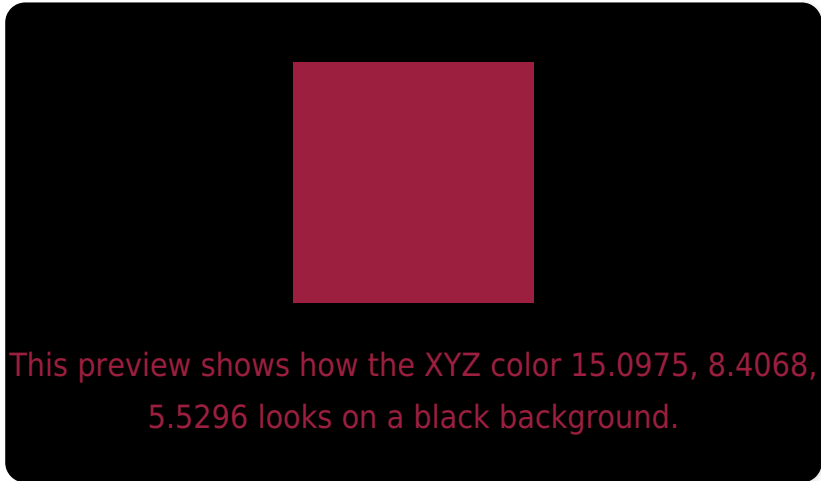
Large Text (above 18pt) WCAG AA ✓ Pass

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

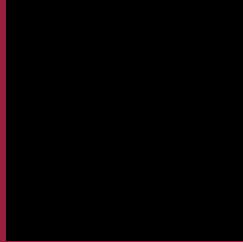
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0975, 8.4068, 5.5296

Background



This preview shows how black text looks on a background with the XYZ color 15.0975, 8.4068, 5.5296.



This preview shows how white text looks on a background with the XYZ color 15.0975, 8.4068,

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

15.0975, 8.4068, 5.5296

Protanopia

8.4697, 8.7595, 10.2612

Deuteranopia

8.8627, 8.7421, 5.0912



Tritanopia

14.5290, 8.4316, 2.6954

Trichromacy



Original Color

15.0975, 8.4068, 5.5296

Protanomaly

9.6389, 7.5318, 8.1535

Deuteranomaly

10.2578, 7.7541, 5.0937

Tritanomaly

14.6317, 8.3759, 3.5349

Monochromacy



Original Color

15.0975, 8.4068, 5.5296

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

8.1308, 6.2395, 6.4060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0975, 8.4068, 5.5296 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(156, 31, 63)` looks like.

```
.text, #text, p{  
    color:rgb(156, 31, 63)  
}
```

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(156, 31, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 31, 63) }
```

Border

The CSS property to change the border of an element to XYZ 15.0975, 8.4068, 5.5296 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(156, 31, 63) }
```


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

```
.border{ border-color:rgb(156, 31, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 31, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 31, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 31, 63);  
box-shadow:4px 4px 4px 4px rgb(156, 31,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0975, 8.4068, 5.5296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 31, 63) }
```

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

```
.background{ background-color: rgb(156, 31,  
63) }
```

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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