

Converting Colors

XYZ(15.7129, 8.7473, 5.5817)

Have a look what the booklet for
XYZ(15.7129, 8.7473, 5.5817)
contains.

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Color

**XYZ(15.7118, 8.7628,
5.5659)**

Conversions

Conversions Part 1

Format	Color
Hex	9F203F
RGB	159, 32, 63
RGB Percent	62%, 13%, 25%
CMY	0.3765, 0.8745, 0.7529
CMYK	0.00, 0.80, 0.60, 0.38
HSL	345°, 66%, 37%
HSV	345°, 80%, 62%
XYZ	15.7118, 8.7628, 5.5659
YIQ	73.5070, 65.7410, 36.5650

Conversions

Conversions Part 2

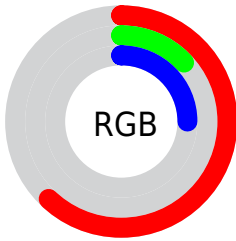
Format	Color
R_{YB}	159, 32, 63
Decimal	10428479
CIE Lab	35.52, 52.33, 14.61
CIE LCh	36, 54.326, 15.598
Yxy	8.7628, 0.5230, 0.2917
Android (android.graphics.Color)	4288618559 (0xFF9F203F)
YUV	73.5070, -5.1800, 74.9774
Hunter-Lab	29.6020, 42.9385, 9.5735

Details

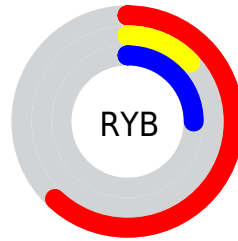
The XYZ color **15.7118, 8.7628, 5.5659** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **16.8909, 26.6622, 24.6812**, and the grayscale version is **6.4232, 6.7577, 7.3591**.

A 20% lighter version of the original color is **35.6841, 23.4982, 17.4067**, and **5.5022, 2.8208, 0.9639** is the 20% darker color. If you saturate the color by 10%, you get **15.0821, 7.9836, 3.8758**, and if you desaturate by 10%, it is **16.6220, 9.9857, 7.7115**.

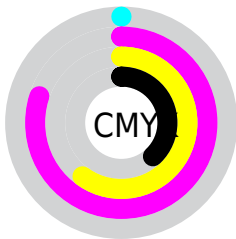
Distribution



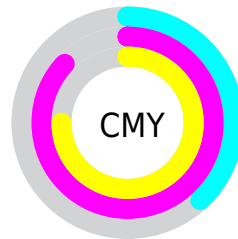
- Red (62%)
- Green (13%)
- Blue (25%)



- Red (62%)
- Yellow (13%)
- Blue (25%)



- Cyan (0%)
- Magenta (80%)
- Yellow (60%)
- Black (38%)





- Cyan (38%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7118, 8.7628, 5.5659 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 15.7118, 8.7628, 5.5659 by changing the saturation by 10% instead.


 15.7118, 8.7628,
5.5659


 15.7118, 8.7628,
5.5659


220.9390,
181.5984, 164.3011


 9.4100, 4.5868,
2.5185


 35.6586, 23.4408,
17.4848


 5.0688, 2.0069,
0.8499

 50.0344, 34.7116,
27.1935


 2.3229, 0.6115,
0.0000

 67.8322, 49.1162,
39.9595

 0.8063, 0.0000,
0.0000

 89.4174, 67.0388,
56.2016

 0.0000, 0.0000,
0.0000

 115.1553, 88.8639,
76.3383

 145.4113,

114.9760, 100.7881

180.5508,
145.7593, 129.9695

■ 15.7118, 8.7628,
5.5659

■ 15.7118, 8.7628,
5.5659

■ 15.0821, 7.9836,
3.8758

■ 16.6220, 9.9857,
7.7115

■ 14.6659, 7.5217,
2.5949

■ 17.8426, 11.7050,
10.3442

■ 14.6610, 7.5161,
2.5804

■ 19.4004, 13.9677,
13.4928

■ 21.3189, 16.8150,
17.1838

■ 23.6195, 20.2838,
21.4416

■ 26.3219, 24.4082,
26.2894

■ 29.4443, 29.2197,
31.7488

■ 33.0039, 34.7479,
37.8404

■ 37.0169, 41.0204,
44.5837

Harmonies

Analogous

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



15.7623, 8.7628, 14.5907



15.7118, 8.7628, 5.5659



13.3791, 8.7628, 1.7034

Triad

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



15.7118, 8.7628, 5.5659



4.6807, 8.7628, 1.7866



6.8992, 8.7628, 38.5215

Complementary

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



15.7118, 8.7628, 5.5659



16.8909, 26.6622, 24.6812

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.



4.7424, 8.7628, 28.3076



15.7118, 8.7628, 5.5659



3.7006, 8.7628, 5.8161

Square

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



15.7118, 8.7628, 5.5659



6.7910, 8.7628, 0.6238



3.7199, 8.7628, 15.0645



10.0828, 8.7628, 38.2821

Rectangle

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



15.7118, 8.7628, 5.5659



11.1177, 8.7628, 0.8232



3.7199, 8.7628, 15.0645



6.0503, 8.7628, 36.0083

Sweetspot

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



15.7120, 8.7633, 5.5660



44.8284, 40.1746, 42.9651



15.5648, 8.0681, 33.5378



9.7461, 8.5080, 9.0375



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.



15.7120, 8.7633, 5.5660



26.4261, 13.6720, 5.0717



16.3786, 11.1147, 2.6493



6.6961, 6.6714, 7.2510



11.5942, 5.9423, 2.1143



0.2224, 0.1123, 0.1172

Inverse Universe

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



15.7120, 8.7633, 5.5660



26.4261, 13.6720, 5.0717



14.4759, 18.0544, 35.5227



6.6961, 6.6714, 7.2510



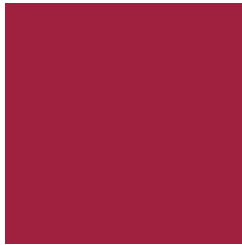
11.5942, 5.9423, 2.1143



0.2224, 0.1123, 0.1172

Previews

White Background



This preview shows how the XYZ color 15.7118, 8.7628, 5.5659 looks on a white background.

Color Contrast Check

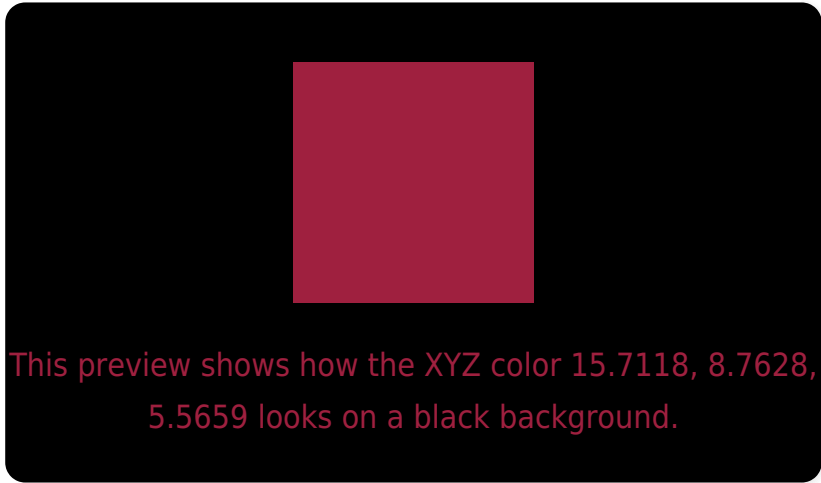
Large Text (above 18pt) WCAG AA ✓ Pass

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

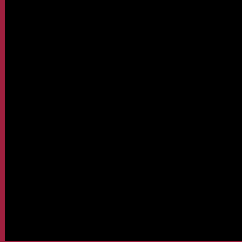
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7118, 8.7628, 5.5659

Background



This preview shows how black text looks on a background with the XYZ color 15.7118, 8.7628, 5.5659.



This preview shows how white text looks on a background with the XYZ color 15.7118, 8.7628,

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

15.7118, 8.7628, 5.5659

Protanopia

8.8066, 9.1636, 10.3214

Deuteranopia

9.1604, 9.0050, 5.1262



Tritanopia

15.1599, 8.8018, 2.8194

Trichromacy



Original Color

15.7118, 8.7628, 5.5659

Protanomaly

10.1334, 7.9572, 8.2095

Deuteranomaly

10.7353, 8.0817, 5.1318

Tritanomaly

15.2649, 8.7443, 3.6796

Monochromacy



Original Color

15.7118, 8.7628, 5.5659

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

8.4952, 6.5734, 6.6154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7118, 8.7628, 5.5659 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(159, 32, 63)` looks like.

```
.text, #text, p{  
    color:rgb(159, 32, 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(159, 32, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 32, 63) }
```

Border

The CSS property to change the border of an element to XYZ 15.7118, 8.7628, 5.5659 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(159, 32, 63) }
```


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

```
.border{ border-color:rgb(159, 32, 63) }
```

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

Here you see how a box with a 4 pixel rgb(159, 32, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 32, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 32, 63);  
box-shadow:4px 4px 4px 4px rgb(159, 32,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7118, 8.7628, 5.5659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 32, 63) }
```

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

```
.background{ background-color: rgb(159, 32,  
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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