

Converting Colors

XYZ(15.3551, 9.5114, 5.7627)

Have a look what the booklet for
XYZ(15.3551, 9.5114, 5.7627)
contains.

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Color

**XYZ(15.3642, 9.5101,
5.7285)**

Conversions

Conversions Part 1

Format	Color
Hex	9A323F
RGB	154, 50, 63
RGB Percent	60%, 20%, 25%
CMY	0.3961, 0.8039, 0.7529
CMYK	0.00, 0.68, 0.59, 0.40
HSL	353°, 51%, 40%
HSV	353°, 68%, 60%
XYZ	15.3642, 9.5101, 5.7285
YIQ	82.5780, 57.8110, 26.0910

Conversions

Conversions Part 2

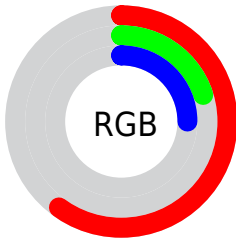
Format	Color
R _Y B	154, 50, 63
Decimal	10105407
CIE Lab	36.95, 44.14, 16.35
CIE LCh	37, 47.075, 20.322
Yxy	9.5101, 0.5021, 0.3108
Android (android.graphics.Color)	4288295487 (0xFF9A323F)
YUV	82.5780, -9.6520, 62.6371
Hunter-Lab	30.8385, 34.9642, 10.5733

Details

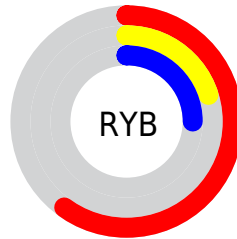
The XYZ color **15.3642, 9.5101, 5.7285** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.6794, 25.7126, 29.2327**, and the grayscale version is **8.1476, 8.5719, 9.3348**.

A 20% lighter version of the original color is **35.0064, 24.7747, 17.6888**, and **5.0651, 2.5955, 0.9435** is the 20% darker color. If you saturate the color by 10%, you get **14.4814, 8.2752, 3.7982**, and if you desaturate by 10%, it is **16.5612, 11.2259, 8.2186**.

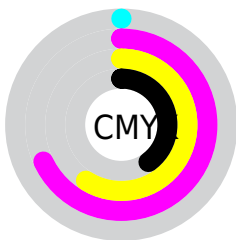
Distribution



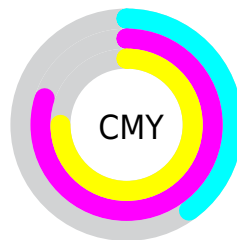
- Red (60%)
- Green (20%)
- Blue (25%)



- Red (60%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (68%)
- Yellow (59%)
- Black (40%)




- Cyan (40%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3642, 9.5101, 5.7285 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 15.3642, 9.5101, 5.7285 by changing the saturation by 10% instead.


 15.3642, 9.5101,
5.7285


 15.3642, 9.5101,
5.7285


218.9051,
187.1389, 165.8441


 9.1634, 5.0754,
2.6146


 35.0573, 24.8699,
17.8326


 4.9059, 2.2916,
0.9000

 49.2802, 36.5637,
27.6598


 2.2263, 0.7692,
0.0000

 66.9079, 51.4461,
40.5619

 0.7566, 0.0000,
0.0000

 88.3057, 69.9013,
56.9573

 0.0000, 0.0000,
0.0000

 113.8390, 92.3138,
77.2648

 143.8731,

119.0680, 101.9027

178.7733,
150.5482, 131.2896

■ 15.3642, 9.5101,
5.7285

■ 15.3642, 9.5101,
5.7285

■ 14.4814, 8.2752,
3.7982

■ 16.5612, 11.2259,
8.2186

■ 13.8819, 7.4704,
2.3833

■ 18.0978, 13.4635,
11.3070

■ 13.5181, 7.0128,
1.4295

■ 19.9978, 16.2613,
15.0296

■ 13.4459, 6.9178,
1.2536

■ 22.2824, 19.6537,
19.4190

■ 24.9713, 23.6723,
24.5059

■ 28.0829, 28.3463,
30.3187

■ 31.6343, 33.7033,
36.8846

■ 35.6417, 39.7692,
44.2291

■ 40.1207, 46.5685,
52.3766

Harmonies

Analogous

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



15.7498, 9.5101, 13.2881



15.3642, 9.5101, 5.7285



13.1012, 9.5101, 2.2718

Triad

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



15.3642, 9.5101, 5.7285



5.3815, 9.5101, 3.1250



8.1310, 9.5101, 35.5326

Complementary

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



15.3642, 9.5101, 5.7285



17.6794, 25.7126, 29.2327

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.



5.9175, 9.5101, 28.2239



15.3642, 9.5101, 5.7285



4.5705, 9.5101, 7.8886

Square

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



15.3642, 9.5101, 5.7285



7.2324, 9.5101, 1.4262



4.7430, 9.5101, 16.9738



11.1240, 9.5101, 33.8115

Rectangle

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



15.3642, 9.5101, 5.7285



11.0564, 9.5101, 1.4099



4.7430, 9.5101, 16.9738



7.2834, 9.5101, 33.9471

Sweetspot

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



15.3644, 9.5106, 5.7287



43.8822, 40.7860, 41.7295



17.8114, 10.2019, 31.6020



9.6393, 8.7934, 8.8913



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.



15.3644, 9.5106, 5.7287



25.6912, 14.1962, 5.4782



17.4032, 14.1023, 4.8231



6.2387, 6.2346, 6.6369



10.9627, 5.6393, 1.0628



0.1710, 0.0872, 0.0536

Inverse Universe

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



15.3644, 9.5106, 5.7287



25.6912, 14.1962, 5.4782



13.3787, 15.4719, 32.8529



6.2387, 6.2346, 6.6369



10.9627, 5.6393, 1.0628



0.1710, 0.0872, 0.0536

Previews

White Background



This preview shows how the XYZ color 15.3642, 9.5101, 5.7285 looks on a white background.

Color Contrast Check

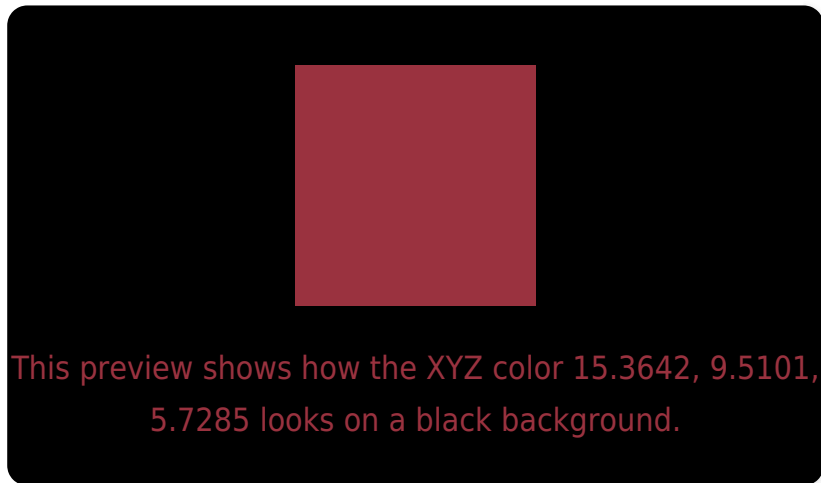
Large Text (above 18pt) WCAG AA ✓ Pass

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

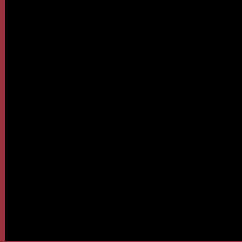
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.3642, 9.5101, 5.7285

Background



This preview shows how black text looks on a background with the XYZ color 15.3642, 9.5101, 5.7285.



This preview shows how white text looks on a background with the XYZ color 15.3642, 9.5101,

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

15.3642, 9.5101, 5.7285

Protanopia

9.2521, 9.7828, 8.9900

Deuteranopia

9.8779, 9.7103, 5.3566



Tritanopia

15.2203, 9.5923, 4.5393

Trichromacy



Original Color

15.3642, 9.5101, 5.7285

Protanomaly

10.6242, 8.9694, 7.6499

Deuteranomaly

11.3014, 9.1719, 5.4497

Tritanomaly

15.2488, 9.5331, 4.9073

Monochromacy



Original Color

15.3642, 9.5101, 5.7285

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

9.8644, 8.2795, 7.9157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3642, 9.5101, 5.7285 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(154, 50, 63)` looks like.

```
.text, #text, p{  
    color:rgb(154, 50, 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(154, 50, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 50, 63) }
```

Border

The CSS property to change the border of an element to XYZ 15.3642, 9.5101, 5.7285 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(154, 50, 63) }
```


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

```
.border{ border-color:rgb(154, 50, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 50, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 50, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 50, 63);  
box-shadow:4px 4px 4px 4px rgb(154, 50,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3642, 9.5101, 5.7285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 50, 63) }
```

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

```
.background{ background-color: rgb(154, 50,  
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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