

Converting Colors

XYZ(16.5452, 10.8227, 10.2788)

Have a look what the booklet for
XYZ(16.5452, 10.8227, 10.2788)
contains.

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Color

**XYZ(16.5259, 10.7979,
10.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	993D57
RGB	153, 61, 87
RGB Percent	60%, 24%, 34%
CMY	0.4000, 0.7608, 0.6588
CMYK	0.00, 0.60, 0.43, 0.40
HSL	343°, 43%, 42%
HSV	343°, 60%, 60%
XYZ	16.5259, 10.7979, 10.2300
YIQ	91.4720, 46.4860, 27.5900

Conversions

Conversions Part 2

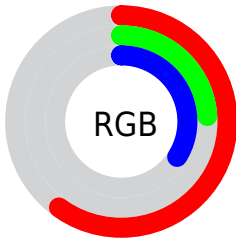
Format	Color
R_{YB}	153, 61, 87
Decimal	10042711
CIE _{Lab}	39.24, 40.97, 4.32
CIE _{LCh}	39, 41.201, 6.013
Yxy	10.7979, 0.4401, 0.2875
Android (android.graphics.Color)	4288232791 (0xFF993D57)
YUV	91.4720, -2.2047, 53.9601
Hunter-Lab	32.8602, 32.2652, 4.5440

Details

The XYZ color **16.5259, 10.7979, 10.2300** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **17.1471, 25.3071, 24.0613**, and the grayscale version is **10.0494, 10.5727, 11.5137**.

A 20% lighter version of the original color is **36.9988, 27.3180, 26.9898**, and **5.4766, 2.8073, 2.4437** is the 20% darker color. If you saturate the color by 10%, you get **15.4077, 9.2255, 7.8104**, and if you desaturate by 10%, it is **17.9459, 12.8648, 13.0869**.

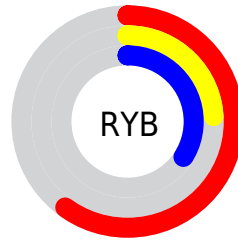
Distribution



Red (60%)

Green (24%)

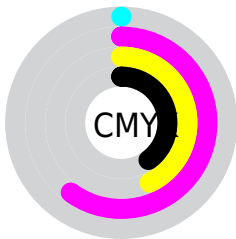
Blue (34%)



Red (60%)

Yellow (24%)

Blue (34%)

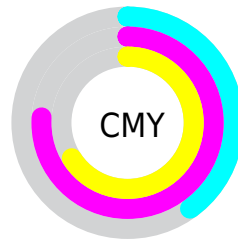


Cyan (0%)

Magenta (60%)

Yellow (43%)

Black (40%)



Cyan (40%)


Magenta (76%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.5259, 10.7979, 10.2300 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 16.5259, 10.7979, 10.2300 by changing the saturation by 10% instead.


 16.5259, 10.7979,
10.2300


 16.5259, 10.7979,
10.2300


225.6352,
196.2757, 202.8499


 9.9903, 5.9311,
5.4441


 37.0589, 27.2858,
26.8418


 5.4547, 2.8032,
2.4469

 51.7870, 39.6758,
39.5047

 2.5539, 1.0299,
0.8118

 69.9767, 55.3422,
55.6305

 0.9225, 0.0000,
0.0000

 91.9932, 74.6695,
75.6376

 0.0000, 0.0000,
0.0000

 118.2019, 98.0422,
99.9445

 148.9683,

125.8445, 128.9699

184.6576,
158.4609, 163.1322

■ 16.5259, 10.7979,
10.2300

■ 16.5259, 10.7979,
10.2300

■ 15.4077, 9.2255,
7.8104

■ 17.9459, 12.8648,
13.0869

■ 14.5669, 8.1037,
5.8046

■ 19.6877, 15.4615,
16.4016

■ 13.9767, 7.3839,
4.1873

■ 21.7706, 18.6223,
20.1942

■ 13.5772, 6.9484,
2.9336

■ 24.2120, 22.3780,
24.4829

■ 27.0282, 26.7571,
29.2855

■ 30.2345, 31.7863,
34.6184

■ 33.8450, 37.4909,
40.4974

■ 37.8736, 43.8945,
46.9378

■ 42.3331, 51.0199,
53.9541

Harmonies

Analogous

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



15.9411, 10.7979, 19.1152



16.5259, 10.7979, 10.2300



15.2042, 10.7979, 4.8739

Triad

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



16.5259, 10.7979, 10.2300



7.4383, 10.7979, 3.2297



8.2459, 10.7979, 31.9344

Complementary

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



16.5259, 10.7979, 10.2300



17.1471, 25.3071, 24.0613

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.



6.5285, 10.7979, 23.2044



16.5259, 10.7979, 10.2300



6.1243, 10.7979, 6.5809

Square

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



16.5259, 10.7979, 10.2300



9.7150, 10.7979, 2.1746



5.8240, 10.7979, 13.4290



10.8314, 10.7979, 34.3971

Rectangle

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



16.5259, 10.7979, 10.2300



13.5388, 10.7979, 3.1007



5.8240, 10.7979, 13.4290



7.5635, 10.7979, 29.4903

Sweetspot

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



16.5262, 10.7985, 10.2302



44.2049, 41.3831, 45.3020



16.1615, 10.1450, 31.2433



9.4795, 8.7023, 9.5170



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



16.5262, 10.7985, 10.2302



27.0446, 15.7745, 12.7240



16.9171, 12.9848, 6.0303



6.2770, 6.2500, 6.8387



11.2341, 5.7479, 2.4921



0.1821, 0.0916, 0.1115

Inverse Universe

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



16.5262, 10.7985, 10.2302



27.0446, 15.7745, 12.7240



16.0714, 20.0858, 33.1668



6.2770, 6.2500, 6.8387



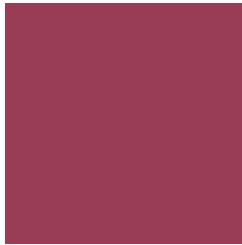
11.2341, 5.7479, 2.4921



0.1821, 0.0916, 0.1115

Previews

White Background



This preview shows how the XYZ color 16.5259, 10.7979, 10.2300 looks on a white background.

Color Contrast Check

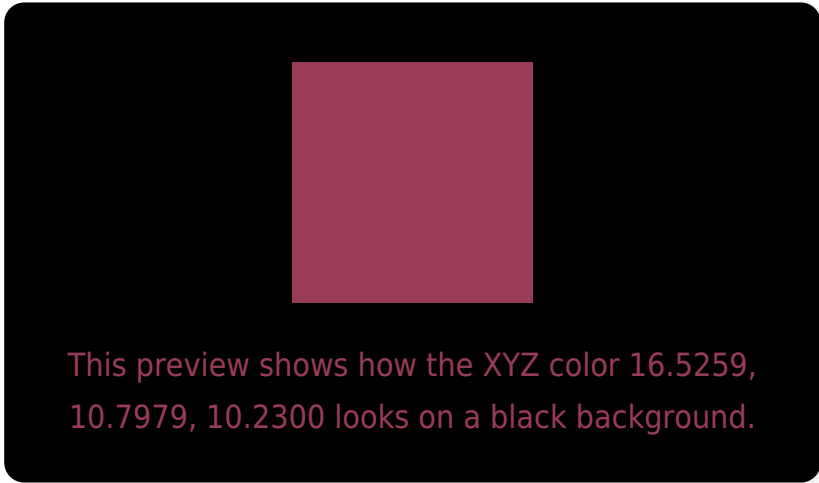
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

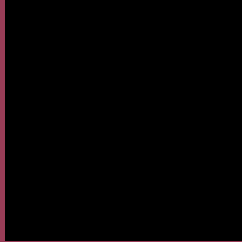
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.5259, 10.7979, 10.2300

Background



This preview shows how black text looks on a background with the XYZ color 16.5259, 10.7979, 10.2300.



This preview shows how white text looks on a background with the XYZ color 16.5259, 10.7979,

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

16.5259, 10.7979, 10.2300

Protanopia

10.7785, 11.0728, 14.9338

Deuteranopia

11.1614, 11.0010, 9.7188



Tritanopia

15.9134, 10.8857, 6.8926

Trichromacy



Original Color

16.5259, 10.7979, 10.2300

Protanomaly

12.0865, 10.3441, 12.9149

Deuteranomaly

12.5646, 10.4430, 9.7410

Tritanomaly

16.0868, 10.8640, 8.0866

Monochromacy



Original Color

16.5259, 10.7979, 10.2300

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.6536, 10.0529, 10.9991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5259, 10.7979, 10.2300 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(153, 61, 87)` looks like.

```
.text, #text, p{  
    color:rgb(153, 61, 87)  
}
```

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(153, 61, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 61, 87) }
```

Border

The CSS property to change the border of an element to XYZ 16.5259, 10.7979, 10.2300 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(153, 61, 87) }
```


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

```
.border{ border-color:rgb(153, 61, 87) }
```

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

Here you see how a box with a 4 pixel rgb(153, 61, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 61, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 61, 87);  
box-shadow:4px 4px 4px 4px rgb(153, 61,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5259, 10.7979, 10.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 61, 87) }
```

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

```
.background{ background-color: rgb(153, 61,  
87) }
```

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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