

Converting Colors

XYZ(16.1528, 10.0925, 4.9951)

Have a look what the booklet for
XYZ(16.1528, 10.0925, 4.9951)
contains.

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Color

**XYZ(16.0671, 10.0205,
4.9582)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3439
RGB	158, 52, 57
RGB Percent	62%, 20%, 22%
CMY	0.3804, 0.7961, 0.7765
CMYK	0.00, 0.67, 0.64, 0.38
HSL	357°, 50%, 41%
HSV	357°, 67%, 62%
XYZ	16.0671, 10.0205, 4.9582
YIQ	84.2640, 61.5710, 24.0270

Conversions

Conversions Part 2

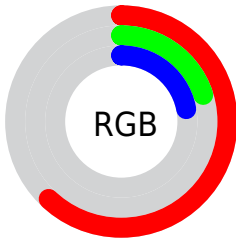
Format	Color
RYB	158, 52, 57
Decimal	10368057
CIELab	37.88, 44.22, 21.48
CIElCh	38, 49.163, 25.901
Yxy	10.0205, 0.5175, 0.3228
Android (android.graphics.Color)	4288558137 (0xFF9E3439)
YUV	84.2640, -13.4412, 64.6665
Hunter-Lab	31.6552, 35.2040, 12.8719

Details

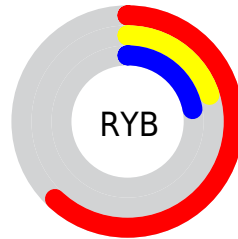
The XYZ color **16.0671, 10.0205, 4.9582** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.3936, 27.4840, 34.4224**, and the grayscale version is **8.4999, 8.9426, 9.7385**.

A 20% lighter version of the original color is **36.4637, 26.0081, 16.1949**, and **5.3418, 2.7438, 0.7000** is the 20% darker color. If you saturate the color by 10%, you get **15.1546, 8.7102, 3.0678**, and if you desaturate by 10%, it is **17.3275, 11.8486, 7.5142**.

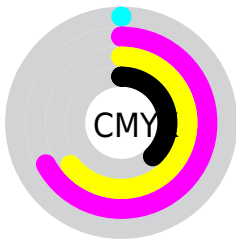
Distribution



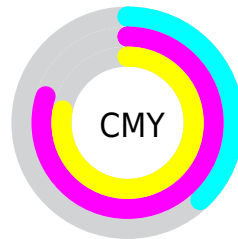
- Red (62%)
- Green (20%)
- Blue (22%)



- Red (62%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (67%)
- Yellow (64%)
- Black (38%)





- Cyan (38%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0671, 10.0205, 4.9582 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 16.0671, 10.0205, 4.9582 by changing the saturation by 10% instead.


 16.0671, 10.0205,
4.9582


 16.0671, 10.0205,
4.9582


222.9999,
190.8183, 158.3450

 9.6628, 5.4126,
2.1644


 36.2712, 25.8341,
16.1655


 5.2365, 2.4913,
0.6537

 50.8016, 37.8084,
25.4161


 2.4229, 0.8723,
0.0000

 68.7715, 53.0071,
37.6560

 0.8565, 0.0000,
0.0000

 90.5462, 71.8144,
53.3038

 0.0000, 0.0000,
0.0000

 116.4910, 94.6148,
72.7781

 146.9714,

121.7927, 96.4974

182.3526,
153.7324, 124.8802

■ 16.0671, 10.0205,
4.9582

■ 16.0671, 10.0205,
4.9582

■ 15.1546, 8.7102,
3.0678

■ 17.3275, 11.8486,
7.5142

■ 14.5545, 7.8625,
1.7807

■ 18.9653, 14.2388,
10.7895

■ 14.2159, 7.3952,
1.0207

■ 21.0076, 17.2326,
14.8329

■ 14.1413, 7.2854,
0.8747

■ 23.4788, 20.8673,
19.6887

■ 26.4016, 25.1770,
25.3979

■ 29.7969, 30.1935,
31.9988

■ 33.6842, 35.9465,
39.5272

■ 38.0822, 42.4640,
48.0172

■ 43.0083, 49.7726,
57.5008

Harmonies

Analogous

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



16.9209, 10.0205, 12.1962



16.0671, 10.0205, 4.9582



13.3335, 10.0205, 1.9342

Triad

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



16.0671, 10.0205, 4.9582



5.3422, 10.0205, 3.7955



9.0984, 10.0205, 38.9149

Complementary

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



16.0671, 10.0205, 4.9582



19.3936, 27.4840, 34.4224

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.



6.5197, 10.0205, 32.4598



16.0671, 10.0205, 4.9582



4.6753, 10.0205, 9.7187

Square

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



16.0671, 10.0205, 4.9582



7.1188, 10.0205, 1.5692



5.0535, 10.0205, 20.3617



12.4182, 10.0205, 35.0890

Rectangle

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



16.0671, 10.0205, 4.9582



11.0749, 10.0205, 1.2579



5.0535, 10.0205, 20.3617



8.1254, 10.0205, 37.8109

Sweetspot

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



16.0673, 10.0211, 4.9584



46.0973, 42.9945, 42.5188



20.4802, 11.6684, 33.5205



10.0739, 9.2230, 8.9633



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.



16.0673, 10.0211, 4.9584



26.8558, 14.8741, 4.1583



19.2493, 16.5747, 5.4343



6.6451, 6.6510, 6.9822



11.3300, 5.8365, 0.7226



0.2059, 0.1057, 0.0302

Inverse Universe

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



16.0673, 10.0211, 4.9584



26.8558, 14.8741, 4.1583



13.1967, 14.4162, 34.4347



6.6451, 6.6510, 6.9822



11.3300, 5.8365, 0.7226



0.2059, 0.1057, 0.0302

Previews

White Background



This preview shows how the XYZ color 16.0671, 10.0205, 4.9582 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 16.0671, 10.0205, 4.9582

Background



This preview shows how black text looks on a background with the XYZ color 16.0671, 10.0205, 4.9582.



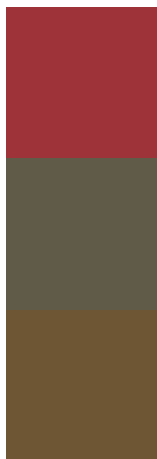
This preview shows how white text looks on a background with the XYZ color 16.0671, 10.0205,

4.9582.

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

16.0671, 10.0205, 4.9582

Protanopia

9.6497, 10.2670, 7.6040

Deuteranopia

10.3780, 10.2185, 4.6742



Tritanopia

16.0181, 10.0009, 4.7006

Trichromacy



Original Color

16.0671, 10.0205, 4.9582

Protanomaly

11.2053, 9.4961, 6.5525

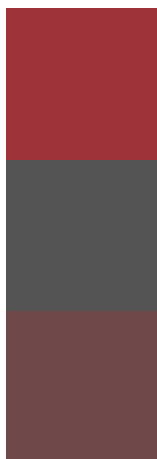
Deuteranomaly

11.8670, 9.6759, 4.7322

Tritanomaly

16.0424, 10.0106, 4.8281

Monochromacy



Original Color

16.0671, 10.0205, 4.9582

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

10.1089, 8.5086, 7.5881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0671, 10.0205, 4.9582 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(158, 52, 57)` looks like.

```
.text, #text, p{  
    color:rgb(158, 52, 57)  
}
```

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(158, 52, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 52, 57) }
```

Border

The CSS property to change the border of an element to XYZ 16.0671, 10.0205, 4.9582 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(158, 52, 57) }
```


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

```
.border{ border-color:rgb(158, 52, 57) }
```

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

Here you see how a box with a 4 pixel rgb(158, 52, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 52, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 52, 57);  
box-shadow:4px 4px 4px 4px rgb(158, 52,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0671, 10.0205, 4.9582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 52, 57) }
```

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

```
.background{ background-color: rgb(158, 52,  
57) }
```

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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