

Converting Colors

XYZ(15.9928, 10.5629, 8.4037)

Have a look what the booklet for
XYZ(15.9928, 10.5629, 8.4037)
contains.

XYZ(15.9928, 10.5629, 8.4037)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.9928, 10.5629,
8.4037)**

Conversions

Conversions Part 1

Format	Color
Hex	983D4E
RGB	152, 61, 78
RGB Percent	60%, 24%, 31%
CMY	0.4039, 0.7608, 0.6941
CMYK	0.00, 0.60, 0.49, 0.40
HSL	349°, 43%, 42%
HSV	349°, 60%, 60%
XYZ	15.9928, 10.5629, 8.4037
YIQ	90.1470, 48.7790, 24.5790

Conversions

Conversions Part 2

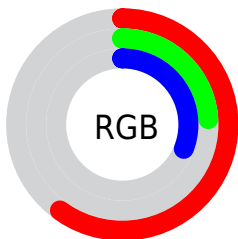
Format	Color
R_{YB}	152, 61, 78
Decimal	9977166
CIE _{Lab}	38.83, 39.68, 9.39
CIE _{LCh}	39, 40.777, 13.312
Yxy	10.5629, 0.4575, 0.3021
Android (android.graphics.Color)	4288167246 (0xFF983D4E)
YUV	90.1470, -5.9885, 54.2451
Hunter-Lab	32.5006, 30.9596, 7.4198

Details

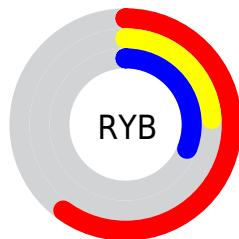
The XYZ color **15.9928, 10.5629, 8.4037** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.5265, 25.1981, 26.8632**, and the grayscale version is **9.7569, 10.2650, 11.1786**.

A 20% lighter version of the original color is **36.2033, 26.8223, 23.3478**, and **5.1560, 2.6891, 1.7607** is the 20% darker color. If you saturate the color by 10%, you get **14.8911, 9.0033, 6.0517**, and if you desaturate by 10%, it is **17.4084, 12.6169, 11.2716**.

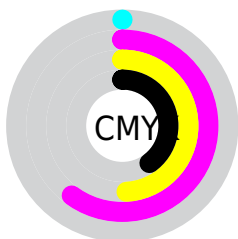
Distribution



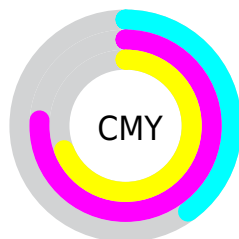
- Red (60%)
- Green (24%)
- Blue (31%)



- Red (60%)
- Yellow (24%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (49%)
- Black (40%)





- Cyan (40%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9928, 10.5629, 8.4037 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 15.9928, 10.5629, 8.4037 by changing the saturation by 10% instead.

 15.9928, 10.5629,
8.4037


 15.9928, 10.5629,
8.4037


222.5705,
194.6437, 188.9163

 9.6099, 5.7737,
4.2629


 36.1433, 26.8490,
23.3052


 5.2013, 2.7080,
1.7706

 50.6415, 39.1148,
34.9030


 2.4018, 0.9813,
0.4085

 68.5755, 54.6415,
49.8236

 0.8460, 0.0000,
0.0000

 90.3108, 73.8136,
68.4854

 0.0000, 0.0000,
0.0000

 116.2125, 97.0155,
91.3070

 146.6461,

124.6315, 118.7070

181.9770,
157.0461, 151.1039

■ 15.9928, 10.5629,
8.4037

■ 15.9928, 10.5629,
8.4037

■ 14.8911, 9.0033,
6.0517

■ 17.4084, 12.6169,
11.2716

■ 14.0777, 7.8945,
4.1837

■ 19.1590, 15.2007,
14.6833

■ 13.5243, 7.1881,
2.7649

■ 21.2648, 18.3483,
18.6657

■ 13.1675, 6.7664,
1.7459

■ 23.7443, 22.0905,
23.2434

■ 13.1632, 6.7611,
1.7345

■ 26.6145, 26.4558,
28.4396

■ 29.8916, 31.4709,
34.2764

■ 33.5905, 37.1608,
40.7746

■ 37.7257, 43.5494,
47.9542

■ 42.3108, 50.6594,
55.8344

Harmonies

Analogous

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



15.8850, 10.5629, 16.3258



15.9928, 10.5629, 8.4037



14.3152, 10.5629, 4.0153

Triad

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



15.9928, 10.5629, 8.4037



6.8805, 10.5629, 3.7156



8.6203, 10.5629, 32.4564

Complementary

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



15.9928, 10.5629, 8.4037



17.5265, 25.1981, 26.8632

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.



6.7135, 10.5629, 25.0277



15.9928, 10.5629, 8.4037



5.8396, 10.5629, 7.7352

Square

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



15.9928, 10.5629, 8.4037



8.8902, 10.5629, 2.2473



5.7845, 10.5629, 15.2793



11.2843, 10.5629, 32.9117

Rectangle

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



15.9928, 10.5629, 8.4037



12.5590, 10.5629, 2.6706



5.7845, 10.5629, 15.2793



7.8821, 10.5629, 30.5794

Sweetspot

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



15.9931, 10.5635, 8.4039



42.6336, 40.0875, 42.3454



17.1363, 10.6570, 30.8596



9.3989, 8.6701, 9.0926



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.



15.9931, 10.5635, 8.4039



25.7209, 15.1129, 9.4216



17.3060, 14.0417, 6.2137



6.2536, 6.2406, 6.7156



11.0460, 5.6727, 1.5015



0.1754, 0.0889, 0.0763

Inverse Universe

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



15.9931, 10.5635, 8.4039



25.7209, 15.1129, 9.4216



14.8881, 17.8510, 32.3667



6.2536, 6.2406, 6.7156



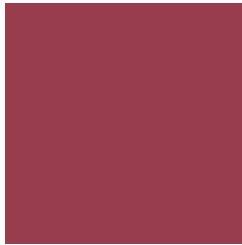
11.0460, 5.6727, 1.5015



0.1754, 0.0889, 0.0763

Previews

White Background



This preview shows how the XYZ color 15.9928, 10.5629, 8.4037 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 15.9928, 10.5629, 8.4037

Background



This preview shows how black text looks on a background with the XYZ color 15.9928, 10.5629, 8.4037.



This preview shows how white text looks on a background with the XYZ color 15.9928, 10.5629,

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

15.9928, 10.5629, 8.4037

Protanopia

10.3617, 10.7896, 12.1262

Deuteranopia

10.8718, 10.7650, 7.9834



Tritanopia

15.5531, 10.5396, 6.5248

Trichromacy



Original Color

15.9928, 10.5629, 8.4037

Protanomaly

11.6433, 10.1668, 10.5812

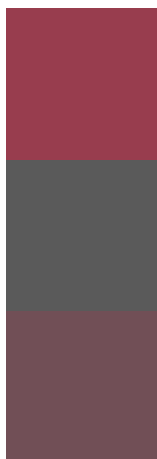
Deuteranomaly

12.2344, 10.3109, 8.0020

Tritanomaly

15.6225, 10.4795, 7.1606

Monochromacy



Original Color

15.9928, 10.5629, 8.4037

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

11.2857, 9.7746, 10.0960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9928, 10.5629, 8.4037 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(152, 61, 78)` looks like.

```
.text, #text, p{  
    color:rgb(152, 61, 78)  
}
```

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(152, 61, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 61, 78) }
```

Border

The CSS property to change the border of an element to XYZ 15.9928, 10.5629, 8.4037 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(152, 61, 78) }
```


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

```
.border{ border-color:rgb(152, 61, 78) }
```

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

Here you see how a box with a 4 pixel rgb(152, 61, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 61, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 61, 78);  
box-shadow:4px 4px 4px 4px rgb(152, 61,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9928, 10.5629, 8.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 61, 78) }
```

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

```
.background{ background-color: rgb(152, 61,  
78) }
```

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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