

Converting Colors

XYZ(14.7528, 10.0029, 4.7676)

Have a look what the booklet for
XYZ(14.7528, 10.0029, 4.7676)
contains.

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Color

**XYZ(14.7528, 10.0029,
4.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	953D37
RGB	149, 61, 55
RGB Percent	58%, 24%, 22%
CMY	0.4157, 0.7608, 0.7843
CMYK	0.00, 0.59, 0.63, 0.42
HSL	4°, 46%, 40%
HSV	4°, 63%, 58%
XYZ	14.7528, 10.0029, 4.7676
YIQ	86.6280, 54.3740, 16.7900

Conversions

Conversions Part 2

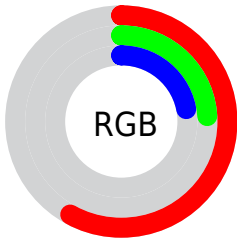
Format	Color
R_{YB}	149, 61, 55
Decimal	9780535
CIE _{Lab}	37.85, 36.61, 22.35
CIE _{LCh}	38, 42.890, 31.404
Yxy	10.0029, 0.4997, 0.3388
Android (android.graphics.Color)	4287970615 (0xFF953D37)
YUV	86.6280, -15.5926, 54.7002
Hunter-Lab	31.6274, 27.9147, 13.2016

Details

The XYZ color **14.7528, 10.0029, 4.7676** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.8221, 22.6256, 31.9143**, and the grayscale version is **9.0038, 9.4727, 10.3158**.

A 20% lighter version of the original color is **33.9246, 25.8130, 15.7648**, and **4.6565, 2.5057, 0.5860** is the 20% darker color. If you saturate the color by 10%, you get **13.7979, 8.5810, 2.9455**, and if you desaturate by 10%, it is **16.0097, 11.8563, 7.2226**.

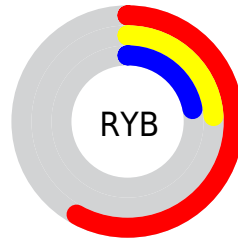
Distribution



Red (58%)

Green (24%)

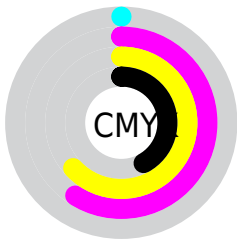
Blue (22%)



Red (58%)

Yellow (24%)

Blue (22%)

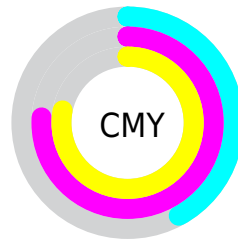


Cyan (0%)

Magenta (59%)

Yellow (63%)

Black (42%)



Cyan (42%)


Magenta (76%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7528, 10.0029, 4.7676 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 14.7528, 10.0029, 4.7676 by changing the saturation by 10% instead.


 14.7528, 10.0029,
4.7676


 14.7528, 10.0029,
4.7676


215.2832,
190.6928, 156.4093


 8.7313, 5.4009,
2.0552


 33.9942, 25.8010,
15.7446


 4.6220, 2.4843,
0.5889

 47.9447, 37.7658,
24.8463

 2.0597, 0.8688,
0.0000

 65.2689, 52.9537,
36.9148

 0.6672, 0.0000,
0.0000

 86.3322, 71.7490,
52.3688

 0.0000, 0.0000,
0.0000

 111.5000, 94.5362,
71.6267

 141.1375,

121.6996, 95.1070

175.6101,
153.6237, 123.2284

■ 14.7528, 10.0029,
4.7676

■ 14.7528, 10.0029,
4.7676

■ 13.7979, 8.5810,
2.9455

■ 16.0097, 11.8563,
7.2226

■ 13.1189, 7.5544,
1.6978

■ 17.5904, 14.1707,
10.3609

■ 12.6864, 6.8833,
0.9558

■ 19.5155, 16.9745,
14.2285

■ 12.4977, 6.5962,
0.6145

■ 21.8037, 20.2937,
18.8672

■ 24.4724, 24.1523,
24.3157

■ 27.5378, 28.5729,
30.6100

■ 31.0152, 33.5766,
37.7840

■ 34.9191, 39.1837,
45.8697

■ 39.2632, 45.4132,
54.8975

Harmonies

Analogous

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



15.8097, 10.0029, 10.5259



14.7528, 10.0029, 4.7676



12.2598, 10.0029, 2.2871

Triad

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



14.7528, 10.0029, 4.7676



5.5900, 10.0029, 5.1464



9.6371, 10.0029, 34.0234

Complementary

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



14.7528, 10.0029, 4.7676



16.8221, 22.6256, 31.9143

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.



7.2013, 10.0029, 30.2472



14.7528, 10.0029, 4.7676



5.1519, 10.0029, 11.2654

Square

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



14.7528, 10.0029, 4.7676



7.0171, 10.0029, 2.4203



5.6811, 10.0029, 20.8019



12.5267, 10.0029, 29.5225

Rectangle

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



14.7528, 10.0029, 4.7676



10.3172, 10.0029, 1.7459



5.6811, 10.0029, 20.8019



8.7412, 10.0029, 33.6719

Sweetspot

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



14.7530, 10.0035, 4.7678



40.7358, 38.7865, 37.2280



18.8176, 11.1448, 27.6653



8.7629, 8.2126, 7.7107



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.7530, 10.0035, 4.7678



24.1105, 14.4649, 4.1592



18.3105, 17.1184, 5.9536



5.8288, 5.8714, 6.0665



10.5271, 5.5687, 0.5200



0.1348, 0.0800, 0.0083

Inverse Universe

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



16.8221, 22.6256, 31.9143



28.0869, 38.9225, 56.9537



11.3029, 11.5871, 30.0745



5.9327, 6.4995, 7.4116



12.4033, 17.5014, 26.6554



0.1595, 0.2296, 0.3288

Previews

White Background



This preview shows how the XYZ color 14.7528, 10.0029, 4.7676 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



This preview shows how the XYZ color 14.7528, 10.0029, 4.7676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

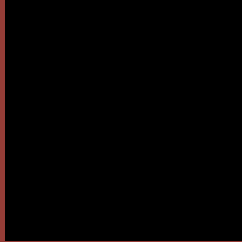
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7528, 10.0029, 4.7676

Background



This preview shows how black text looks on a background with the XYZ color 14.7528, 10.0029, 4.7676.

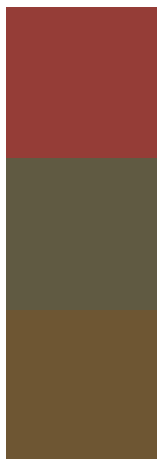


This preview shows how white text looks on a background with the XYZ color 14.7528, 10.0029,

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

14.7528, 10.0029, 4.7676

Protanopia

9.4634, 10.1925, 6.6228

Deuteranopia

10.3557, 10.2096, 4.5568



Tritanopia

14.9357, 9.9914, 5.9918

Trichromacy



Original Color

14.7528, 10.0029, 4.7676

Protanomaly

10.7357, 9.5846, 5.8416

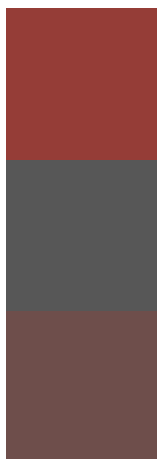
Deuteranomaly

11.5859, 9.8408, 4.5376

Tritanomaly

14.8526, 9.9582, 5.5542

Monochromacy



Original Color

14.7528, 10.0029, 4.7676

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.4248, 9.2718, 7.8968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7528, 10.0029, 4.7676 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(149, 61, 55)` looks like.

```
.text, #text, p{  
    color:rgb(149, 61, 55)  
}
```

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(149, 61, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 61, 55) }
```

Border

The CSS property to change the border of an element to XYZ 14.7528, 10.0029, 4.7676 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(149, 61, 55) }
```


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

```
.border{ border-color:rgb(149, 61, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 61, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 61, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 61, 55);  
box-shadow:4px 4px 4px 4px rgb(149, 61,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7528, 10.0029, 4.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 61, 55) }
```

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

```
.background{ background-color: rgb(149, 61,  
55) }
```

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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