

Converting Colors

XYZ(15.9347, 10.5807, 7.0580)

Have a look what the booklet for
XYZ(15.9347, 10.5807, 7.0580)
contains.

XYZ(15.9111, 10.5520, 6.9925)	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(15.9111, 10.5520,
6.9925)**

Conversions

Conversions Part 1

Format	Color
Hex	993D46
RGB	153, 61, 70
RGB Percent	60%, 24%, 27%
CMY	0.4000, 0.7608, 0.7255
CMYK	0.00, 0.60, 0.54, 0.40
HSL	354°, 43%, 42%
HSV	354°, 60%, 60%
XYZ	15.9111, 10.5520, 6.9925
YIQ	89.5340, 51.9430, 22.3030

Conversions

Conversions Part 2

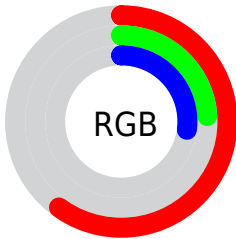
Format	Color
R_{YB}	153, 61, 70
Decimal	10042694
CIE Lab	38.82, 39.29, 14.42
CIE LCh	39, 41.853, 20.150
Yxy	10.5520, 0.4756, 0.3154
Android (android.graphics.Color)	4288232774 (0xFF993D46)
YUV	89.5340, -9.6303, 55.6597
Hunter-Lab	32.4838, 30.5854, 9.9759

Details

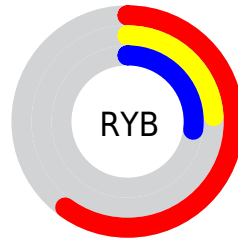
The XYZ color **15.9111, 10.5520, 6.9925** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.3504, 25.7884, 30.3980**, and the grayscale version is **9.6272, 10.1285, 11.0299**.

A 20% lighter version of the original color is **35.9282, 26.7452, 20.4083**, and **5.1710, 2.7074, 1.2869** is the 20% darker color. If you saturate the color by 10%, you get **14.8210, 8.9908, 4.7209**, and if you desaturate by 10%, it is **17.3349, 12.6204, 9.8698**.

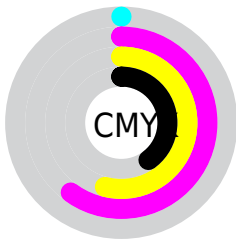
Distribution



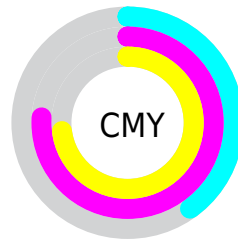
- Red (60%)
- Green (24%)
- Blue (27%)



- Red (60%)
- Yellow (24%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (54%)
- Black (40%)





- Cyan (40%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9111, 10.5520, 6.9925 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 15.9111, 10.5520, 6.9925 by changing the saturation by 10% instead.


 15.9111, 10.5520,
6.9925


 15.9111, 10.5520,
6.9925


222.0973,
194.5677, 177.2299


 9.5517, 5.7665,
3.3790


 36.0025, 26.8287,
20.4707


 5.1627, 2.7036,
1.2913

 50.4652, 39.0887,
31.1726


 2.3788, 0.9790,
0.0546

 68.3598, 54.6089,
45.0743

 0.8345, 0.0000,
0.0000

 90.0515, 73.7737,
62.5944

 0.0000, 0.0000,
0.0000

 115.9057, 96.9677,
84.1515

 146.2879,

124.5750, 110.1641

181.5633,
156.9802, 141.0507

■ 15.9111, 10.5520,
6.9925

■ 15.9111, 10.5520,
6.9925

■ 14.8210, 8.9908,
4.7209

■ 17.3349, 12.6204,
9.8698

■ 14.0364, 7.8915,
3.0109

■ 19.1160, 15.2329,
13.3913

■ 13.5258, 7.2036,
1.8134

■ 21.2767, 18.4248,
17.5932

■ 13.2227, 6.8066,
1.0673

■ 23.8371, 22.2281,
22.5087

■ 26.8162, 26.6723,
28.1689

■ 30.2315, 31.7852,
34.6028

■ 34.0997, 37.5928,
41.8383

■ 38.4364, 44.1197,
49.9015

■ 43.2567, 51.3894,
58.8176

Harmonies

Analogous

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



16.2504, 10.5520, 14.3033



15.9111, 10.5520, 6.9925



13.8469, 10.5520, 3.3034

Triad

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



15.9111, 10.5520, 6.9925



6.4688, 10.5520, 4.2214



9.1450, 10.5520, 34.0446

Complementary

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



15.9111, 10.5520, 6.9925



18.3504, 25.7884, 30.3980

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.



6.9871, 10.5520, 27.6436



15.9111, 10.5520, 6.9925



5.6413, 10.5520, 9.0710

Square

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



15.9111, 10.5520, 6.9925



8.3031, 10.5520, 2.2914



5.8118, 10.5520, 17.5905



11.9797, 10.5520, 32.6022

Rectangle

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



15.9111, 10.5520, 6.9925



11.9501, 10.5520, 2.2821



5.8118, 10.5520, 17.5905



8.3263, 10.5520, 32.6571

Sweetspot

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



15.9114, 10.5526, 6.9927



43.5793, 41.1328, 42.0075



18.8855, 11.5493, 31.3707



9.3262, 8.6410, 8.7097



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.



15.9114, 10.5526, 6.9927



26.0218, 15.3654, 7.3382



18.3286, 15.8079, 6.5009



6.2321, 6.2320, 6.6025



10.9347, 5.6281, 0.9153



0.1691, 0.0864, 0.0436

Inverse Universe

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



15.9114, 10.5526, 6.9927



26.0218, 15.3654, 7.3382



13.9433, 15.8296, 32.4574



6.2321, 6.2320, 6.6025



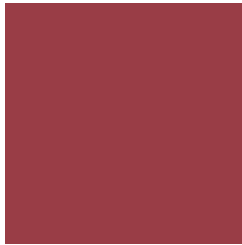
10.9347, 5.6281, 0.9153



0.1691, 0.0864, 0.0436

Previews

White Background



This preview shows how the XYZ color 15.9111, 10.5520, 6.9925 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



This preview shows how the XYZ color 15.9111, 10.5520, 6.9925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

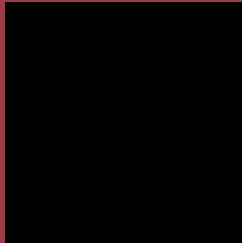
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9111, 10.5520, 6.9925

Background



This preview shows how black text looks on a background with the XYZ color 15.9111, 10.5520, 6.9925.



This preview shows how white text looks on a background with the XYZ color 15.9111, 10.5520,

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

15.9111, 10.5520, 6.9925

Protanopia

10.2907, 10.7970, 10.1360

Deuteranopia

10.9035, 10.6878, 6.6425



Tritanopia

15.8429, 10.6109, 6.3674

Trichromacy



Original Color

15.9111, 10.5520, 6.9925

Protanomaly

11.7265, 10.2460, 8.9490

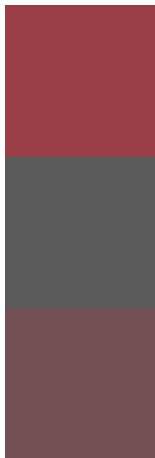
Deuteranomaly

12.3417, 10.2896, 6.6458

Tritanomaly

15.8726, 10.6228, 6.5240

Monochromacy



Original Color

15.9111, 10.5520, 6.9925

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

11.1674, 9.7272, 9.4726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9111, 10.5520, 6.9925 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, 70)` looks like.

```
.text, #text, p{  
    color:rgb(153, 61, 70)  
}
```

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, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 61, 70) }
```

Border

The CSS property to change the border of an element to XYZ 15.9111, 10.5520, 6.9925 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, 70) }
```


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

```
.border{ border-color:rgb(153, 61, 70) }
```

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, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 61, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 61, 70);  
box-shadow:4px 4px 4px 4px rgb(153, 61,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9111, 10.5520, 6.9925 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, 70) }
```

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

```
.background{ background-color: rgb(153, 61,  
70) }
```

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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