

Converting Colors

XYZ(15.5496, 11.5423, 3.5606)

Have a look what the booklet for
XYZ(15.5496, 11.5423, 3.5606)
contains.

XYZ(15.5630, 11.5116, 3.5922)	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(15.5630, 11.5116,
3.5922)**

Conversions

Conversions Part 1

Format	Color
Hex	97492A
RGB	151, 73, 42
RGB Percent	59%, 29%, 16%
CMY	0.4078, 0.7137, 0.8353
CMYK	0.00, 0.52, 0.72, 0.41
HSL	17°, 56%, 38%
HSV	17°, 72%, 59%
XYZ	15.5630, 11.5116, 3.5922
YIQ	92.7880, 56.4390, 6.8950

Conversions

Conversions Part 2

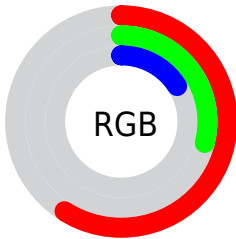
Format	Color
R_{YB}	151, 85, 42
Decimal	9914666
CIE _{Lab}	40.43, 30.31, 33.15
CIE _{LCh}	40, 44.916, 47.558
Yxy	11.5116, 0.5075, 0.3754
Android (android.graphics.Color)	4288104746 (0xFF97492A)
YUV	92.7880, -25.0385, 51.0519
Hunter-Lab	33.9287, 22.5020, 17.4728

Details

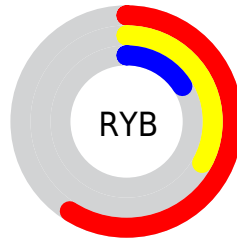
The XYZ color **15.5630, 11.5116, 3.5922** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **13.2567, 16.1585, 31.6982**, and the grayscale version is **10.4027, 10.9445, 11.9185**.

A 20% lighter version of the original color is **35.4645, 28.5888, 13.1002**, and **5.0669, 3.1282, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **14.6927, 10.1250, 2.2109**, and if you desaturate by 10%, it is **16.6591, 13.1869, 5.5514**.

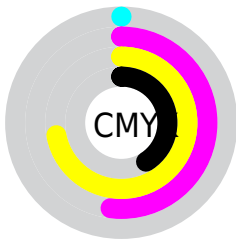
Distribution



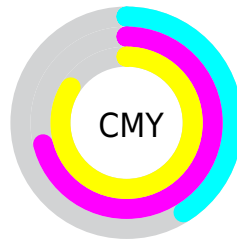
- Red (59%)
- Green (29%)
- Blue (16%)



- Red (59%)
- Yellow (33%)
- Blue (16%)



- Cyan (0%)
- Magenta (52%)
- Yellow (72%)
- Black (41%)





- Cyan (41%)
- Magenta (71%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5630, 11.5116, 3.5922 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 15.5630, 11.5116, 3.5922 by changing the saturation by 10% instead.


 15.5630, 11.5116,
3.5922


 15.5630, 11.5116,
3.5922


220.0705,
201.1446, 143.5787


 9.3043, 6.4121,
1.4044


 35.4015, 28.6024,
13.0578


 4.9989, 3.0972,
0.1451

 49.7120, 41.3624,
21.1726


 2.2814, 1.1827,
0.0000

 67.4372, 57.4448,
32.1002

 0.7851, 0.0475,
0.0000

 88.9424, 77.2338,
46.2592

 0.0000, 0.0000,
0.0000

 114.5930,
101.1139, 64.0679

 144.7543,

129.4694, 85.9451

179.7917,
162.6849, 112.3092

■ 15.5630, 11.5116,
3.5922

■ 15.5630, 11.5116,
3.5922

■ 14.6927, 10.1250,
2.2109

■ 16.6591, 13.1869,
5.5514

■ 14.0288, 9.0077,
1.3407

■ 17.9963, 15.1650,
8.1440

■ 13.6245, 8.3035,
0.8846

■ 19.5895, 17.4612,
11.4193

■ 21.4520, 20.0892,
15.4219

■ 23.5961, 23.0618,
20.1922

■ 26.0333, 26.3912,
25.7679

■ 28.7745, 30.0888,
32.1842

■ 31.8301, 34.1658,
39.4739

■ 35.2098, 38.6325,
47.6684

Harmonies

Analogous

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



17.7978, 11.5116, 7.9927



15.5630, 11.5116, 3.5922



12.3001, 11.5116, 2.0760

Triad

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



15.5630, 11.5116, 3.5922



6.0255, 11.5116, 9.1536



12.8738, 11.5116, 37.4393

Complementary

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



15.5630, 11.5116, 3.5922



13.2567, 16.1585, 31.6982

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.



9.6867, 11.5116, 38.2773



15.5630, 11.5116, 3.5922



6.1200, 11.5116, 18.5343

Square

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



15.5630, 11.5116, 3.5922



7.0501, 11.5116, 4.0898



7.3394, 11.5116, 30.2053



16.0519, 11.5116, 28.2784

Rectangle

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



15.5630, 11.5116, 3.5922



10.1634, 11.5116, 1.9995



7.3394, 11.5116, 30.2053



11.7582, 11.5116, 38.8205

Sweetspot

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



15.5633, 11.5122, 3.5924



42.1532, 41.1571, 35.9257



16.9877, 9.5942, 18.7630



9.3558, 9.0441, 7.6595



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.



15.5633, 11.5122, 3.5924



25.4938, 16.7682, 2.8426



20.8194, 22.0244, 5.3444



6.3448, 6.4947, 6.5250



11.6126, 7.1076, 0.7599



0.2017, 0.1624, 0.0207

Inverse Universe

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



13.2567, 16.1585, 31.6982



20.9700, 25.3195, 56.2156



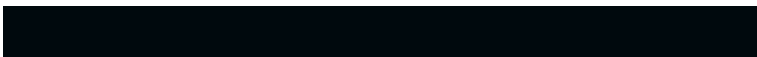
8.4667, 6.5785, 30.1016



6.2360, 6.7294, 7.8992



9.3435, 11.0837, 26.5546



0.1701, 0.2265, 0.4071

Previews

White Background



This preview shows how the XYZ color 15.5630, 11.5116, 3.5922 looks on a white background.

Color Contrast Check

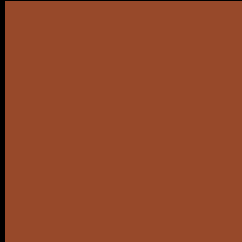
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5630, 11.5116, 3.5922 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 15.5630, 11.5116, 3.5922

Background



This preview shows how black text looks on a background with the XYZ color 15.5630, 11.5116, 3.5922.



This preview shows how white text looks on a background with the XYZ color 15.5630, 11.5116,

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

15.5630, 11.5116, 3.5922

Protanopia

10.6811, 11.6517, 4.5918

Deuteranopia

11.6987, 11.5440, 3.4454



Tritanopia

16.5010, 11.5230, 7.8330

Trichromacy



Original Color

15.5630, 11.5116, 3.5922

Protanomaly

12.0089, 11.3143, 4.1357

Deuteranomaly

12.8966, 11.3124, 3.4232

Tritanomaly

16.0086, 11.4035, 5.9148

Monochromacy



Original Color

15.5630, 11.5116, 3.5922

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.5032, 10.7274, 7.9429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5630, 11.5116, 3.5922 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(151, 73, 42)` looks like.

```
.text, #text, p{  
    color:rgb(151, 73, 42)  
}
```

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(151, 73, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 73, 42) }
```

Border

The CSS property to change the border of an element to XYZ 15.5630, 11.5116, 3.5922 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(151, 73, 42) }
```


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

```
.border{ border-color:rgb(151, 73, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 73, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 73, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 73, 42);  
box-shadow:4px 4px 4px 4px rgb(151, 73,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5630, 11.5116, 3.5922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 73, 42) }
```

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

```
.background{ background-color: rgb(151, 73,  
42) }
```

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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