

Converting Colors

XYZ(15.1102, 11.5228, 1.5139)

Have a look what the booklet for
XYZ(15.1102, 11.5228, 1.5139)
contains.

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Color

**XYZ(15.1102, 11.5228,
1.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	964B03
RGB	150, 75, 3
RGB Percent	59%, 29%, 1%
CMY	0.4118, 0.7059, 0.9882
CMYK	0.00, 0.50, 0.98, 0.41
HSL	29°, 96%, 30%
HSV	29°, 98%, 59%
XYZ	15.1102, 11.5228, 1.5139
YIQ	89.2170, 67.8120, -6.4920

Conversions

Conversions Part 2

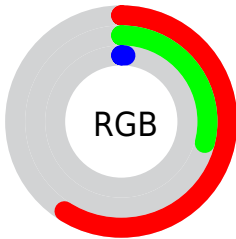
Format	Color
R_{YB}	150, 144, 3
Decimal	9849603
CIE Lab	40.45, 27.55, 49.23
CIE LCh	40, 56.417, 60.765
Yxy	11.5228, 0.5368, 0.4094
Android (android.graphics.Color)	4288039683 (0xFF964B03)
YUV	89.2170, -42.5050, 53.3067
Hunter-Lab	33.9453, 20.0523, 21.1174

Details

The XYZ color **15.1102, 11.5228, 1.5139** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.2668, 7.6699, 29.8986**, and the grayscale version is **9.6249, 10.1262, 11.0274**.

A 20% lighter version of the original color is **34.6757, 28.6744, 7.7101**, and **4.8289, 3.1058, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **14.9913, 11.3114, 1.3932**, and if you desaturate by 10%, it is **15.7539, 12.6620, 2.1861**.

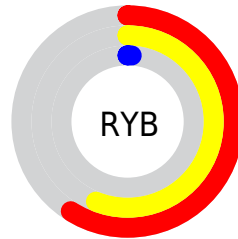
Distribution



Red (59%)

Green (29%)

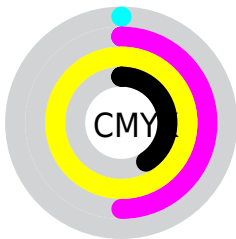
Blue (1%)



Red (59%)

Yellow (56%)

Blue (1%)

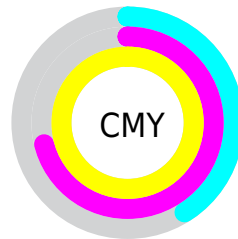


Cyan (0%)

Magenta (50%)

Yellow (98%)

Black (41%)



Cyan (41%)


Magenta (71%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1102, 11.5228, 1.5139 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 15.1102, 11.5228, 1.5139 by changing the saturation by 10% instead.


 15.1102, 11.5228,
1.5139


 15.1102, 11.5228,
1.5139


 217.4074,
201.2200, 114.3026


 8.9836, 6.4196,
0.2282


 34.6165, 28.6229,
7.6633


 4.7875, 3.1019,
0.0000

 48.7268, 41.3887,
13.5356


 2.1566, 1.1852,
0.0000

 66.2291, 57.4775,
21.8309

 0.7197, 0.0495,
0.0000

 87.4887, 77.2736,
32.9678


 0.0000, 0.0000,
0.0000


 112.8710,
101.1616, 47.3649


 142.7413,


129.5257, 65.4407


 177.4650,
162.7503, 87.6138


 15.1102, 11.5228,
1.5139


 15.1102, 11.5228,
1.5139


 14.9913, 11.3114,
1.3932

 15.7539, 12.6620,
2.1861

 16.5345, 13.9586,
3.2619

 17.4754, 15.4259,
4.8532

 18.5894, 17.0720,
7.0186

 19.8880, 18.9044,
9.8091

■ 21.3813, 20.9300,
13.2697

■ 23.0788, 23.1553,
17.4414

■ 24.9890, 25.5863,
22.3616

■ 27.1202, 28.2290,
28.0654

Harmonies

Analogous

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



18.8894, 11.5228, 4.3679



15.1102, 11.5228, 1.5139



10.8507, 11.5228, 0.9316

Triad

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



15.1102, 11.5228, 1.5139



4.9639, 11.5228, 12.8399



15.3296, 11.5228, 42.1841

Complementary

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



15.1102, 11.5228, 1.5139



8.2668, 7.6699, 29.8986

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.



11.0541, 11.5228, 49.4526



15.1102, 11.5228, 1.5139



5.6234, 11.5228, 27.3436

Square

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



15.1102, 11.5228, 1.5139



5.5584, 11.5228, 4.6224



7.6367, 11.5228, 42.8413



19.0361, 11.5228, 26.5043

Rectangle

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



15.1102, 11.5228, 1.5139



8.4670, 11.5228, 1.2051



7.6367, 11.5228, 42.8413



13.8812, 11.5228, 46.0043

Sweetspot

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



15.1105, 11.5234, 1.5141



40.2333, 40.2223, 29.5356



14.0197, 7.1130, 8.0219



8.6552, 8.5731, 5.8990



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.



15.1105, 11.5234, 1.5141



26.2825, 19.6142, 2.4007



23.1134, 27.5293, 4.1817



6.0213, 6.2563, 6.1307



12.4656, 9.4455, 1.1662



0.1819, 0.1743, 0.0241

Inverse Universe

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



8.2668, 7.6699, 29.8986



14.1649, 12.7857, 52.6426



5.6018, 2.3398, 29.0103



5.7294, 6.0928, 7.3438



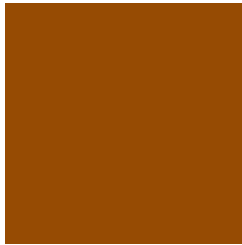
6.7717, 6.2382, 24.7782



0.1124, 0.1353, 0.3131

Previews

White Background



This preview shows how the XYZ color 15.1102, 11.5228, 1.5139 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 15.1102, 11.5228, 1.5139

Background



This preview shows how black text looks on a background with the XYZ color 15.1102, 11.5228, 1.5139.



This preview shows how white text looks on a background with the XYZ color 15.1102, 11.5228,

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

15.1102, 11.5228, 1.5139

Protanopia

10.4399, 11.5829, 2.0663

Deuteranopia

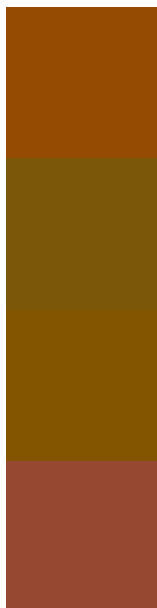
11.6262, 11.5471, 1.6160



Tritanopia

16.4091, 11.5637, 8.0238

Trichromacy



Original Color

15.1102, 11.5228, 1.5139

Protanomaly

11.7074, 11.2101, 1.8052

Deuteranomaly

12.7697, 11.4047, 1.5570

Tritanomaly

15.6342, 11.4358, 4.2890

Monochromacy



Original Color

15.1102, 11.5228, 1.5139

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.4896, 10.0256, 5.3853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1102, 11.5228, 1.5139 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(150, 75, 3)` looks like.

```
.text, #text, p{  
    color:rgb(150, 75, 3)  
}
```

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(150, 75, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 75, 3) }
```

Border

The CSS property to change the border of an element to XYZ 15.1102, 11.5228, 1.5139 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(150, 75, 3) }
```


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

```
.border{ border-color:rgb(150, 75, 3) }
```

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

Here you see how a box with a 4 pixel rgb(150, 75, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 75, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 75, 3);  
box-shadow:4px 4px 4px 4px rgb(150, 75, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.1102, 11.5228, 1.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 75, 3) }
```

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

```
.background{ background-color: rgb(150, 75,  
3) }
```

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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