

Converting Colors

XYZ(14.9744, 10.9546, 0.0000)

Have a look what the booklet for
XYZ(14.9744, 10.9546, 0.0000)
contains.

XYZ(15.3270, 11.1526, 1.3448)	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(15.3270, 11.1526,
1.3448)**

Conversions

Conversions Part 1

Format	Color
Hex	994600
RGB	153, 70, 0
RGB Percent	60%, 27%, 0%
CMY	0.4000, 0.7255, 1.0000
CMYK	0.00, 0.54, 1.00, 0.40
HSL	27°, 100%, 30%
HSV	27°, 100%, 60%
XYZ	15.3270, 11.1526, 1.3448
YIQ	86.8370, 71.9380, -4.1740

Conversions

Conversions Part 2

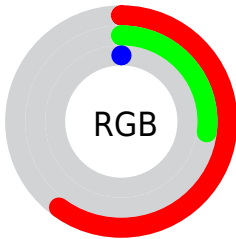
Format	Color
R_{YB}	153, 129, 0
Decimal	10044928
CIE _{Lab}	39.84, 31.48, 50.04
CIE _{LCh}	40, 59.116, 57.828
Yxy	11.1526, 0.5508, 0.4008
Android (android.graphics.Color)	4288235008 (0xFF994600)
YUV	86.8370, -42.8106, 58.0250
Hunter-Lab	33.3955, 23.4811, 20.9893

Details

The XYZ color **15.3270, 11.1526, 1.3448** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.8426, 8.4857, 31.3086**, and the grayscale version is **9.1027, 9.5768, 10.4291**.

A 20% lighter version of the original color is **34.8466, 27.8549, 7.1543**, and **4.9030, 2.9535, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **15.3272, 11.1531, 1.3449**, and if you desaturate by 10%, it is **15.9712, 12.2998, 1.9956**.

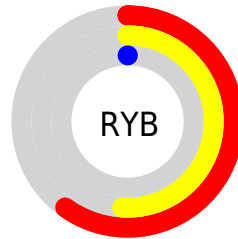
Distribution



Red (60%)

Green (27%)

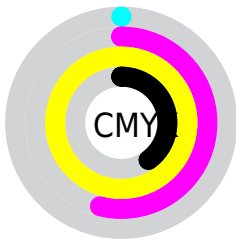
Blue (0%)



Red (60%)

Yellow (51%)

Blue (0%)

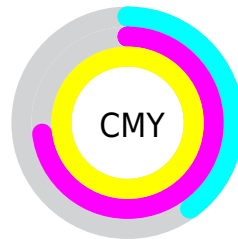


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (73%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3270, 11.1526, 1.3448 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 15.3270, 11.1526, 1.3448 by changing the saturation by 10% instead.


 15.3270, 11.1526,
1.3448


 15.3270, 11.1526,
1.3448


 218.6864,
198.7115, 111.1905


 9.1370, 6.1696,
0.0981


 34.9928, 27.9420,
7.1566


 4.8885, 2.9485,
0.0000

 49.1993, 40.5172,
12.7922

 2.2161, 1.1049,
0.0000

 66.8087, 56.3918,
20.8057

 0.7512, 0.0000,
0.0000

 88.1863, 75.9504,
31.6157


 0.0000, 0.0000,
0.0000


 113.6976, 99.5773,
45.6406


 143.7077,


127.6568, 63.2990


 178.5822,
160.5734, 85.0095


 15.3270, 11.1526,
1.3448


 15.3270, 11.1526,
1.3448


 15.3272, 11.1531,
1.3449

 15.9712, 12.2998,
1.9956

 16.7551, 13.6216,
3.0151

 17.7115, 15.1358,
4.5626

 18.8550, 16.8523,
6.7024

 20.1982, 18.7799,
9.4895

■ 21.7525, 20.9269,
12.9724

■ 23.5283, 23.3008,
17.1952

■ 25.5352, 25.9088,
22.1979

■ 27.7822, 28.7580,
28.0178

Harmonies

Analogous

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



19.1171, 11.1526, 4.4079



15.3270, 11.1526, 1.3448



10.8990, 11.1526, 0.6719

Triad

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



15.3270, 11.1526, 1.3448



4.5538, 11.1526, 11.3150



14.6807, 11.1526, 44.6147

Complementary

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



15.3270, 11.1526, 1.3448



8.8426, 8.4857, 31.3086

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.



10.3069, 11.1526, 51.0206



15.3270, 11.1526, 1.3448



5.0843, 11.1526, 25.8658

Square

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



15.3270, 11.1526, 1.3448



5.2679, 11.1526, 3.7021



6.9613, 11.1526, 42.6263



18.6819, 11.1526, 28.3738

Rectangle

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



15.3270, 11.1526, 1.3448



8.3841, 11.1526, 0.8673



6.9613, 11.1526, 42.6263



13.1760, 11.1526, 48.3146

Sweetspot

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



15.3272, 11.1532, 1.3450



41.9368, 41.4655, 30.3076



14.7429, 7.4147, 9.0725



8.9811, 8.7858, 6.0206



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.



15.3272, 11.1532, 1.3450



27.2683, 19.6117, 2.3482



23.3156, 27.1300, 4.0078



6.4300, 6.6650, 6.5534



12.7005, 9.2833, 1.1225



0.2256, 0.2103, 0.0287

Inverse Universe

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



8.8426, 8.4857, 31.3086



15.6485, 14.8216, 56.0081



5.8328, 2.4660, 30.3053



6.1481, 6.5536, 7.8699



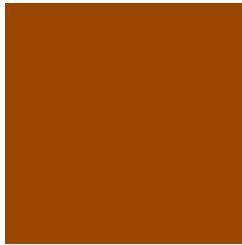
7.3420, 7.0806, 25.8874



0.1461, 0.1786, 0.3991

Previews

White Background



This preview shows how the XYZ color 15.3270, 11.1526, 1.3448 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 15.3270, 11.1526, 1.3448

Background



This preview shows how black text looks on a background with the XYZ color 15.3270, 11.1526, 1.3448.



This preview shows how white text looks on a background with the XYZ color 15.3270, 11.1526,

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

15.3270, 11.1526, 1.3448

Protanopia

10.2349, 11.3419, 2.0652

Deuteranopia

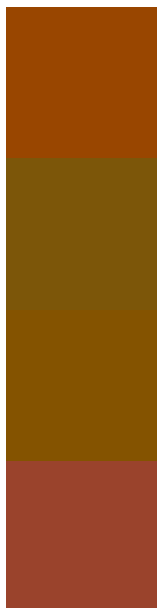
11.4019, 11.3054, 1.5812



Tritanopia

16.4820, 11.1788, 6.9193

Trichromacy



Original Color

15.3270, 11.1526, 1.3448

Protanomaly

11.6893, 10.9604, 1.7579

Deuteranomaly

12.6090, 11.0920, 1.4764

Tritanomaly

15.7882, 11.0662, 3.6867

Monochromacy



Original Color

15.3270, 11.1526, 1.3448

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.1876, 9.5402, 4.9189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3270, 11.1526, 1.3448 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, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 70, 0)  
}
```

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, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 70, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.3270, 11.1526, 1.3448 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, 70, 0) }
```


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

```
.border{ border-color:rgb(153, 70, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 70, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 70, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 70, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 70, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.3270, 11.1526, 1.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 70, 0) }
```

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

```
.background{ background-color: rgb(153, 70,  
0) }
```

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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