

Converting Colors

XYZ(15.0277, 11.3399, 3.3162)

Have a look what the booklet for
XYZ(15.0277, 11.3399, 3.3162)
contains.

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Color

**XYZ(15.0277, 11.3399,
3.3162)**

Conversions

Conversions Part 1

Format	Color
Hex	944A27
RGB	148, 74, 39
RGB Percent	58%, 29%, 15%
CMY	0.4196, 0.7098, 0.8471
CMYK	0.00, 0.50, 0.74, 0.42
HSL	19°, 58%, 37%
HSV	19°, 74%, 58%
XYZ	15.0277, 11.3399, 3.3162
YIQ	92.1360, 55.3390, 4.8030

Conversions

Conversions Part 2

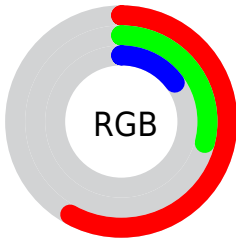
Format	Color
R_{YB}	148, 91, 39
Decimal	9718311
CIE Lab	40.15, 28.35, 34.35
CIE LCh	40, 44.538, 50.460
Yxy	11.3399, 0.5063, 0.3820
Android (android.graphics.Color)	4287908391 (0xFF944A27)
YUV	92.1360, -26.1960, 48.9927
Hunter-Lab	33.6748, 20.7266, 17.7336

Details

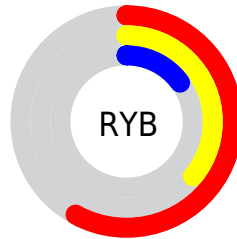
The XYZ color **15.0277, 11.3399, 3.3162** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.0866, 14.3788, 30.1551**, and the grayscale version is **10.2539, 10.7879, 11.7481**.

A 20% lighter version of the original color is **34.3410, 28.2090, 12.4390**, and **4.8056, 3.0592, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **14.2106, 10.0246, 2.0611**, and if you desaturate by 10%, it is **16.0482, 12.9090, 5.1114**.

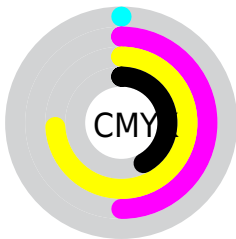
Distribution



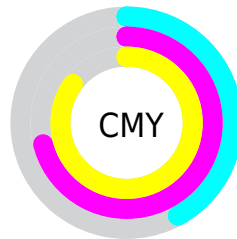
- Red (58%)
- Green (29%)
- Blue (15%)



- Red (58%)
- Yellow (36%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (74%)
- Black (42%)



- Cyan (42%)
- Magenta (71%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0277, 11.3399, 3.3162 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 15.0277, 11.3399, 3.3162 by changing the saturation by 10% instead.

■ 15.0277, 11.3399,
3.3162

■ 15.0277, 11.3399,
3.3162

216.9189,
199.9849, 140.2913

■ 8.9253, 6.2959,
1.2583

■ 34.4730, 28.2870,
12.3992

■ 4.7492, 3.0259,
0.0272

■ 48.5466, 40.9589,
20.2613

■ 2.1341, 1.1452,
0.0000

■ 66.0080, 56.9423,
30.8953

■ 0.7077, 0.0163,
0.0000

■ 87.2225, 76.6216,
44.7196

■ 0.0000, 0.0000,
0.0000

■ 112.5555,
100.3810, 62.1528

■ 142.3723,

128.6052, 83.6135

177.0383,
161.6783, 109.5201

15.0277, 11.3399,
3.3162

15.0277, 11.3399,
3.3162

14.2106, 10.0246,
2.0611

16.0482, 12.9090,
5.1114

13.5792, 8.9465,
1.2811

17.2860, 14.7436,
7.5002

13.2504, 8.3714,
0.9175

18.7545, 16.8566,
10.5301

20.4658, 19.2597,
14.2438

22.4311, 21.9637,
18.6801

■ 24.6607, 24.9788,
23.8749

■ 27.1643, 28.3149,
29.8618

■ 29.9514, 31.9812,
36.6722

■ 33.0306, 35.9867,
44.3359

Harmonies

Analogous

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



17.3701, 11.3399, 7.2968



15.0277, 11.3399, 3.3162



11.7949, 11.3399, 2.0129

Triad

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



15.0277, 11.3399, 3.3162



5.9105, 11.3399, 9.7326



12.9950, 11.3399, 36.1861

Complementary

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



15.0277, 11.3399, 3.3162



12.0866, 14.3788, 30.1551

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.



9.8218, 11.3399, 37.9325



15.0277, 11.3399, 3.3162



6.1090, 11.3399, 19.3137

Square

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



15.0277, 11.3399, 3.3162



6.8097, 11.3399, 4.3653



7.4164, 11.3399, 30.7044



16.0493, 11.3399, 26.6846

Rectangle

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



15.0277, 11.3399, 3.3162



9.7336, 11.3399, 2.0271



7.4164, 11.3399, 30.7044



11.8950, 11.3399, 37.8322

Sweetspot

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



15.0280, 11.3405, 3.3164



40.0293, 39.3677, 33.9960



15.9461, 8.9501, 16.6529



8.9330, 8.7076, 7.2906



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.



15.0280, 11.3405, 3.3164



24.3567, 16.4779, 2.7048



20.3002, 21.8850, 5.0738



5.9438, 6.1014, 6.1049



11.3406, 7.1956, 0.7912



0.1632, 0.1369, 0.0178

Inverse Universe

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



12.0866, 14.3788, 30.1551



18.7582, 21.9030, 52.6736



7.7451, 5.6957, 28.7079



5.8087, 6.2513, 7.3702



8.5223, 9.7394, 25.3618



0.1310, 0.1727, 0.3193

Previews

White Background



This preview shows how the XYZ color 15.0277, 11.3399, 3.3162 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 15.0277, 11.3399, 3.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

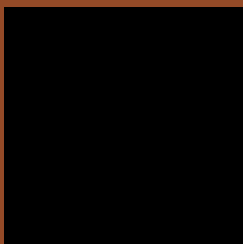
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0277, 11.3399, 3.3162

Background



This preview shows how black text looks on a background with the XYZ color 15.0277, 11.3399, 3.3162.



This preview shows how white text looks on a background with the XYZ color 15.0277, 11.3399,

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

15.0277, 11.3399, 3.3162

Protanopia

10.5097, 11.4381, 4.1365

Deuteranopia

11.6522, 11.5255, 3.2006



Tritanopia

16.0378, 11.3723, 8.0064

Trichromacy



Original Color

15.0277, 11.3399, 3.3162

Protanomaly

11.7294, 11.0558, 3.8013

Deuteranomaly

12.7729, 11.3702, 3.1905

Tritanomaly

15.5172, 11.2438, 5.9099

Monochromacy



Original Color

15.0277, 11.3399, 3.3162

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.1332, 10.4228, 7.7283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0277, 11.3399, 3.3162 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(148, 74, 39)` looks like.

```
.text, #text, p{  
    color:rgb(148, 74, 39)  
}
```

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(148, 74, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 74, 39) }
```

Border

The CSS property to change the border of an element to XYZ 15.0277, 11.3399, 3.3162 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(148, 74, 39) }
```


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

```
.border{ border-color:rgb(148, 74, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 74, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 74, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 74, 39);  
box-shadow:4px 4px 4px 4px rgb(148, 74,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0277, 11.3399, 3.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 74, 39) }
```

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

```
.background{ background-color: rgb(148, 74,  
39) }
```

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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