

Converting Colors

XYZ(15.0783, 9.3107, 3.6530)

Have a look what the booklet for
XYZ(15.0783, 9.3107, 3.6530)
contains.

XYZ(15.0876, 9.2877, 3.6868)	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(15.0876, 9.2877,
3.6868)**

Conversions

Conversions Part 1

Format	Color
Hex	9B302F
RGB	155, 48, 47
RGB Percent	61%, 19%, 18%
CMY	0.3922, 0.8117, 0.8157
CMYK	0.00, 0.69, 0.70, 0.39
HSL	1°, 53%, 40%
HSV	1°, 70%, 61%
XYZ	15.0876, 9.2877, 3.6868
YIQ	79.8790, 64.0930, 22.3730

Conversions

Conversions Part 2

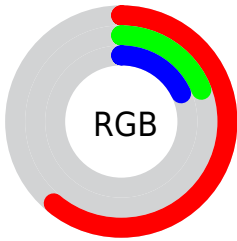
Format	Color
RYB	155, 48, 47
Decimal	10170415
CIELab	36.53, 44.29, 25.87
CIElCh	37, 51.295, 30.287
Yxy	9.2877, 0.5377, 0.3310
Android (android.graphics.Color)	4288360495 (0xFF9B302F)
YUV	79.8790, -16.2093, 65.8811
Hunter-Lab	30.4757, 35.0374, 14.1604

Details

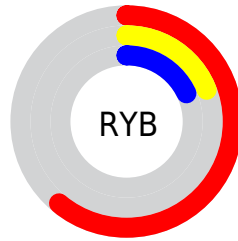
The XYZ color **15.0876, 9.2877, 3.6868** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.6431, 26.0797, 35.0614**, and the grayscale version is **7.6237, 8.0208, 8.7346**.

A 20% lighter version of the original color is **34.6538, 24.5447, 13.2671**, and **4.9298, 2.5414, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **14.3057, 8.1386, 2.1481**, and if you desaturate by 10%, it is **16.1984, 10.9171, 5.8832**.

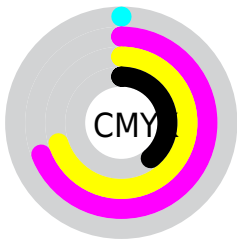
Distribution



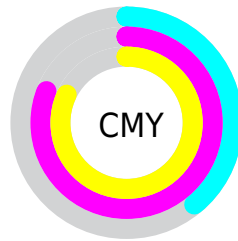
- Red (61%)
- Green (19%)
- Blue (18%)



- Red (61%)
- Yellow (19%)
- Blue (18%)



- Cyan (0%)
- Magenta (69%)
- Yellow (70%)
- Black (39%)




- Cyan (39%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0876, 9.2877, 3.6868 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 15.0876, 9.2877, 3.6868 by changing the saturation by 10% instead.

 15.0876, 9.2877,
3.6868


 15.0876, 9.2877,
3.6868


217.2737,
185.5099, 144.6778


 8.9676, 4.9293,
1.4551


 34.5772, 24.4468,
13.2807


 4.7770, 2.2058,
0.1842

 48.6775, 36.0164,
21.4801


 2.1504, 0.7232,
0.0000

 66.1686, 50.7584,
32.5058

 0.7164, 0.0000,
0.0000

 87.4158, 69.0573,
46.7763

 0.0000, 0.0000,
0.0000

 112.7846, 91.2975,
64.7102

 142.6403,

117.8634, 86.7261

177.3482,
149.1394, 113.2424

■ 15.0876, 9.2877,
3.6868

■ 15.0876, 9.2877,
3.6868

■ 14.3057, 8.1386,
2.1481

■ 16.1984, 10.9171,
5.8832

■ 13.8161, 7.4161,
1.1935

■ 17.6683, 13.0699,
8.7993

■ 13.5413, 7.0117,
0.6541

■ 19.5247, 15.7862,
12.4904

■ 13.5332, 6.9999,
0.6378

■ 21.7923, 19.1017,
17.0064

■ 24.4936, 23.0491,
22.3930

■ 27.6496, 27.6590,
28.6924

■ 31.2799, 32.9598,
35.9442

■ 35.4029, 38.9782,
44.1857

■ 40.0360, 45.7397,
53.4520

Harmonies

Analogous

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



16.2886, 9.2877, 10.0268



15.0876, 9.2877, 3.6868



12.1476, 9.2877, 1.3267

Triad

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



15.0876, 9.2877, 3.6868



4.5751, 9.2877, 3.7635



8.8578, 9.2877, 38.8613

Complementary

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



15.0876, 9.2877, 3.6868



18.6431, 26.0797, 35.0614

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.



6.1755, 9.2877, 33.5789



15.0876, 9.2877, 3.6868



4.0848, 9.2877, 10.1991

Square

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



15.0876, 9.2877, 3.6868



6.1345, 9.2877, 1.3491



4.5945, 9.2877, 21.4887



12.2122, 9.2877, 33.3875

Rectangle

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



15.0876, 9.2877, 3.6868



9.8790, 9.2877, 0.8688



4.5945, 9.2877, 21.4887



7.8537, 9.2877, 38.2608

Sweetspot

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



15.0878, 9.2882, 3.6869



42.9704, 39.9706, 38.3174



20.4504, 11.3681, 32.1265



9.4370, 8.6247, 8.0963



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0878, 9.2882, 3.6869



25.0390, 13.7187, 2.7114



18.6842, 16.4811, 4.8858



6.2132, 6.2314, 6.4812



10.8716, 5.6256, 0.5128



0.1636, 0.0863, 0.0080

Inverse Universe

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



18.6431, 26.0797, 35.0614



31.8233, 45.7986, 62.6990



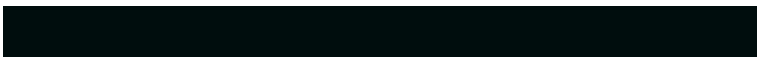
11.7423, 12.2782, 32.7612



6.3797, 7.0167, 7.9471



13.9764, 20.3494, 28.0989



0.2103, 0.3069, 0.4205

Previews

White Background



This preview shows how the XYZ color 15.0876, 9.2877, 3.6868 looks on a white background.

Color Contrast Check

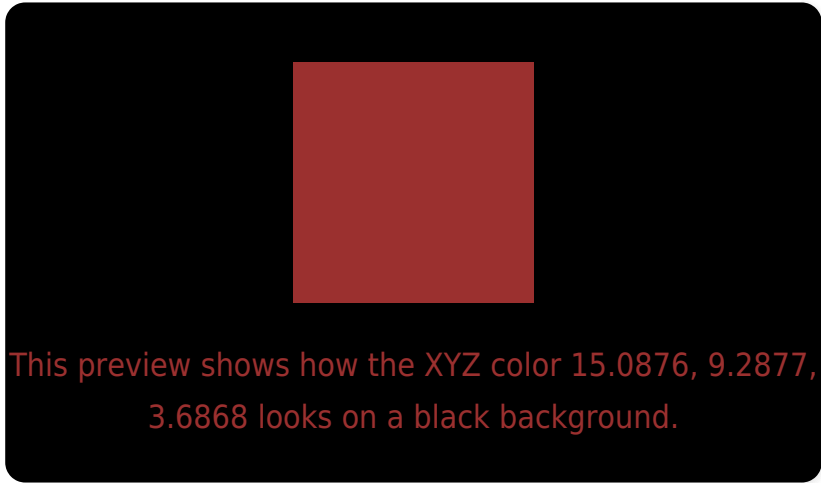
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

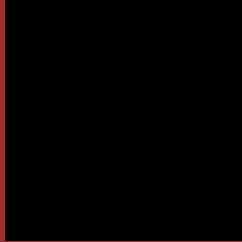
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0876, 9.2877, 3.6868

Background



This preview shows how black text looks on a background with the XYZ color 15.0876, 9.2877, 3.6868.



This preview shows how white text looks on a background with the XYZ color 15.0876, 9.2877, 3.6868.

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

15.0876, 9.2877, 3.6868

Protanopia

8.8666, 9.5330, 5.7876

Deuteranopia

9.5569, 9.4724, 3.4225



Tritanopia

15.1502, 9.3128, 4.0166

Trichromacy



Original Color

15.0876, 9.2877, 3.6868

Protanomaly

10.2988, 8.7636, 4.8901

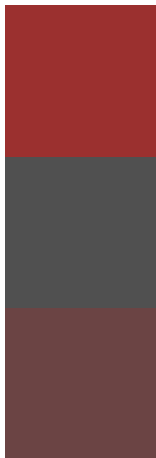
Deuteranomaly

10.9384, 8.8398, 3.4152

Tritanomaly

15.1289, 9.3042, 3.9042

Monochromacy



Original Color

15.0876, 9.2877, 3.6868

Achromatopsia

7.6249, 8.0220, 8.7359

Achromatomaly

9.1739, 7.6774, 6.4672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0876, 9.2877, 3.6868 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(155, 48, 47)` looks like.

```
.text, #text, p{  
    color:rgb(155, 48, 47)  
}
```

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(155, 48, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 48, 47) }
```

Border

The CSS property to change the border of an element to XYZ 15.0876, 9.2877, 3.6868 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(155, 48, 47) }
```


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

```
.border{ border-color:rgb(155, 48, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 48, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 48, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 48, 47);  
box-shadow:4px 4px 4px 4px rgb(155, 48,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0876, 9.2877, 3.6868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 48, 47) }
```

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

```
.background{ background-color: rgb(155, 48,  
47) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor