

Converting Colors

XYZ(15.1083, 9.7768, 23.2811)

Have a look what the booklet for
XYZ(15.1083, 9.7768, 23.2811)
contains.

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Color

**XYZ(15.1083, 9.7768,
23.2811)**

Conversions

Conversions Part 1

Format	Color
Hex	823D85
RGB	130, 61, 133
RGB Percent	51%, 24%, 52%
CMY	0.4902, 0.7608, 0.4784
CMYK	0.02, 0.54, 0.00, 0.48
HSL	298°, 37%, 38%
HSV	298°, 54%, 52%
XYZ	15.1083, 9.7768, 23.2811
YIQ	89.8390, 18.0120, 37.0200

Conversions

Conversions Part 2

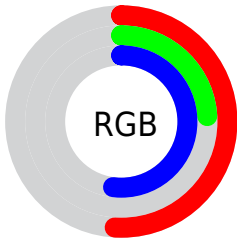
Format	Color
R_{YB}	130, 61, 133
Decimal	8535429
CIE _{Lab}	37.44, 40.51, -27.46
CIE _{LCh}	37, 48.939, 325.870
Yxy	9.7768, 0.3137, 0.2030
Android (android.graphics.Color)	4286725509 (0xFF823D85)
YUV	89.8390, 21.2784, 35.2212
Hunter-Lab	31.2679, 31.5305, -22.2580

Details

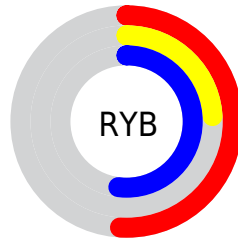
The XYZ color **15.1083, 9.7768, 23.2811** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **11.3445, 18.2022, 7.3309**, and the grayscale version is **9.6336, 10.1353, 11.0374**.

A 20% lighter version of the original color is **34.6647, 25.4478, 49.5393**, and **4.7792, 2.3962, 8.3942** is the 20% darker color. If you saturate the color by 10%, you get **14.3998, 8.4854, 23.0693**, and if you desaturate by 10%, it is **15.9940, 11.4215, 23.5520**.

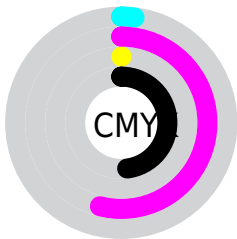
Distribution



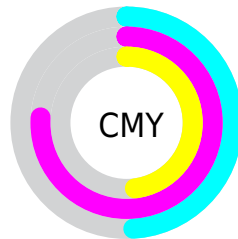
- Red (51%)
- Green (24%)
- Blue (52%)



- Red (51%)
- Yellow (24%)
- Blue (52%)



- Cyan (2%)
- Magenta (54%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (76%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1083, 9.7768, 23.2811 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 15.1083, 9.7768, 23.2811 by changing the saturation by 10% instead.

■ 15.1083, 9.7768,
23.2811

■ 15.1083, 9.7768,
23.2811

217.3962,
189.0716, 282.3341

■ 8.9822, 5.2512,
14.5940

■ 34.6132, 25.3748,
49.7835

■ 4.7866, 2.3954,
8.3915

■ 48.7227, 37.2161,
68.4359

■ 2.1561, 0.8235,
4.2551

■ 66.2240, 52.2647,
91.2470

■ 0.7194, 0.0000,
1.7663

■ 87.4826, 70.9050,
118.6356

■ 0.0000, 0.0000,
0.4056

■ 112.8638, 93.5214,
151.0200

■ 0.0000, 0.0000,
0.0000

■ 142.7328,

120.4984, 188.8189

177.4552,
152.2203, 232.4507

■ 15.1083, 9.7768,
23.2811

■ 15.1083, 9.7768,
23.2811

■ 14.3998, 8.4854,
23.0693

■ 15.9940, 11.4215,
23.5520

■ 13.8543, 7.5195,
22.9116

■ 17.0679, 13.4420,
23.8854

■ 13.4568, 6.8491,
22.8032

■ 18.3411, 15.8606,
24.2851

■ 13.1881, 6.4354,
22.7375

■ 19.8237, 18.6972,
24.7545

■ 13.0546, 6.2408,
22.7070

■ 21.5251, 21.9706,
25.2967

■ 23.4540, 25.6985,
25.9146

■ 25.6187, 29.8974,
26.6110

■ 28.0273, 34.5832,
27.3885

■ 30.6871, 39.7708,
28.2496

Harmonies

Analogous

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



12.1240, 9.7768, 34.3655



15.1083, 9.7768, 23.2811



16.5406, 9.7768, 11.9143

Triad

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



15.1083, 9.7768, 23.2811



9.7257, 9.7768, 1.1067



4.9170, 9.7768, 19.8948

Complementary

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



15.1083, 9.7768, 23.2811



11.3445, 18.2022, 7.3309

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.



4.5484, 9.7768, 9.4697



15.1083, 9.7768, 23.2811



6.9403, 9.7768, 1.5147

Square

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



15.1083, 9.7768, 23.2811



13.0277, 9.7768, 1.8727



5.2014, 9.7768, 3.6824



6.3497, 9.7768, 31.7655

Rectangle

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



15.1083, 9.7768, 23.2811



16.2335, 9.7768, 6.6477



5.2014, 9.7768, 3.6824



4.6803, 9.7768, 15.9903

Sweetspot

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



15.1086, 9.7772, 23.2813



34.8744, 32.2828, 44.1315



8.0260, 6.4209, 23.0068



7.7515, 7.0711, 9.9090



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.1086, 9.7772, 23.2813



25.5327, 14.7395, 41.2377



13.6714, 9.2562, 13.2760



4.8392, 4.7532, 5.8632



12.4364, 5.9454, 21.6288



0.0446, 0.0214, 0.0750

Inverse Universe

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



12.2674, 8.6947, 5.8826



19.9398, 12.6205, 6.4449



12.3059, 18.5648, 13.3843



4.6798, 4.6916, 4.9264



9.2433, 4.7617, 0.5875



0.0325, 0.0167, 0.0046

Previews

White Background



This preview shows how the XYZ color 15.1083, 9.7768, 23.2811 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



This preview shows how the XYZ color 15.1083, 9.7768, 23.2811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

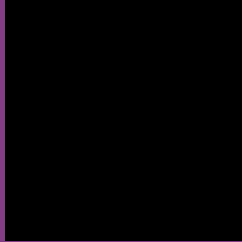
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1083, 9.7768, 23.2811

Background



This preview shows how black text looks on a background with the XYZ color 15.1083, 9.7768, 23.2811.



This preview shows how white text looks on a background with the XYZ color 15.1083, 9.7768,

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

15.1083, 9.7768, 23.2811

Protanopia

11.0159, 9.9257, 32.7877

Deuteranopia

10.1337, 9.9544, 21.8094



Tritanopia

12.1324, 9.8223, 8.8459

Trichromacy



Original Color

15.1083, 9.7768, 23.2811

Protanomaly

11.6553, 9.3307, 29.2037

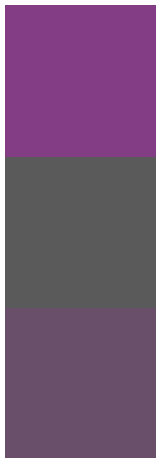
Deuteranomaly

11.3697, 9.4402, 22.3420

Tritanomaly

13.0465, 9.7168, 12.9923

Monochromacy



Original Color

15.1083, 9.7768, 23.2811

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

11.2232, 9.6358, 14.9040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1083, 9.7768, 23.2811 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(130, 61, 133)` looks like.

```
.text, #text, p{  
    color:rgb(130, 61, 133)  
}
```

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(130, 61, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 61, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.1083, 9.7768, 23.2811 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(130, 61, 133) }
```


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

```
.border{ border-color:rgb(130, 61, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 61, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 61, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 61, 133);  
box-shadow:4px 4px 4px 4px rgb(130, 61,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1083, 9.7768, 23.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 61, 133) }
```

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

```
.background{ background-color: rgb(130, 61,  
133) }
```

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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