

Converting Colors

XYZ(26.9166, 15.6534, 9.3434)

Have a look what the booklet for
XYZ(26.9166, 15.6534, 9.3434)
contains.

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Color

**XYZ(26.8918, 15.6499,
9.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	C93651
RGB	201, 54, 81
RGB Percent	79%, 21%, 32%
CMY	0.2118, 0.7882, 0.6824
CMYK	0.00, 0.73, 0.60, 0.21
HSL	349°, 58%, 50%
HSV	349°, 73%, 79%
XYZ	26.8918, 15.6499, 9.3880
YIQ	101.0310, 78.9450, 39.5610

Conversions

Conversions Part 2

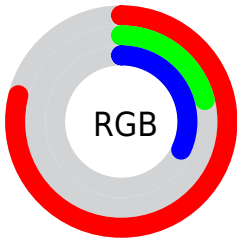
Format	Color
R_{YB}	201, 54, 81
Decimal	13186641
CIE Lab	46.51, 58.80, 19.42
CIE LCh	47, 61.922, 18.281
Yxy	15.6499, 0.5179, 0.3014
Android (android.graphics.Color)	4291376721 (0xFFC93651)
YUV	101.0310, -9.8753, 87.6728
Hunter-Lab	39.5600, 52.1096, 13.6218

Details

The XYZ color **26.8918, 15.6499, 9.3880** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **30.0493, 45.6141, 47.2696**, and the grayscale version is **12.3890, 13.0342, 14.1943**.

A 20% lighter version of the original color is **51.0634, 34.4600, 25.0792**, and **11.1491, 5.7090, 2.2646** is the 20% darker color. If you saturate the color by 10%, you get **25.5991, 13.9333, 6.2794**, and if you desaturate by 10%, it is **28.7203, 18.2004, 13.4090**.

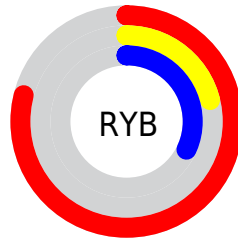
Distribution



Red (79%)

Green (21%)

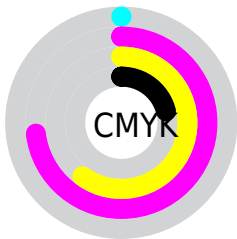
Blue (32%)



Red (79%)

Yellow (21%)

Blue (32%)

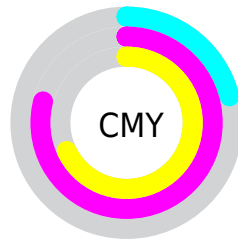


Cyan (0%)

Magenta (73%)

Yellow (60%)

Black (21%)



Cyan (21%)


Magenta (79%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8918, 15.6499, 9.3880 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 26.8918, 15.6499, 9.3880 by changing the saturation by 10% instead.


 26.8918, 15.6499,
9.3880


 26.8918, 15.6499,
9.3880


279.3100,
227.2669, 196.5700


 17.6281, 9.2768,
4.8949


 54.1313, 35.9893,
25.2274


 10.7814, 4.9221,
2.1280


 72.8379, 50.7244,
37.4108


 5.9863, 2.2016,
0.6324


 95.4228, 69.0156,
52.9946

 2.8773, 0.7209,
0.0000

 122.2514, 91.2473,
72.3975

 1.0892, 0.0000,
0.0000

 153.6891,
117.8039, 96.0379

 0.0161, 0.0000,
0.0000

190.1011,

 0.0000, 0.0000,

149.0697, 124.3344

0.0000

231.8530,
185.4293, 157.7056

■ 26.8918, 15.6499,
9.3880

■ 26.8918, 15.6499,
9.3880

■ 25.5991, 13.9333,
6.2794

■ 28.7203, 18.2004,
13.4090

■ 24.7791, 12.9414,
4.0080

■ 31.1357, 21.6710,
18.4075

■ 24.4198, 12.5505,
2.8781

■ 34.1842, 26.1399,
24.4433

■ 37.9072, 31.6764,
31.5710

■ 42.3422, 38.3433,
39.8414

■ 47.5243, 46.1988,
49.3022

■ 53.4858, 55.2970,
59.9982

■ 60.2576, 65.6887,
71.9719

■ 67.8684, 77.4218,
85.2637

Harmonies

Analogous

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



27.3452, 15.6499, 23.7289



26.8918, 15.6499, 9.3880



22.7963, 15.6499, 3.1751

Triad

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



26.8918, 15.6499, 9.3880



8.4581, 15.6499, 4.0154



12.8875, 15.6499, 65.0093

Complementary

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



26.8918, 15.6499, 9.3880



30.0493, 45.6141, 47.2696

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.



9.0406, 15.6499, 49.7072



26.8918, 15.6499, 9.3880



6.9234, 15.6499, 11.7436

Square

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



26.8918, 15.6499, 9.3880



11.8843, 15.6499, 1.5995



7.1075, 15.6499, 28.0126



18.3290, 15.6499, 62.9081

Rectangle

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



26.8918, 15.6499, 9.3880



19.0017, 15.6499, 1.7272



7.1075, 15.6499, 28.0126



11.3933, 15.6499, 61.4792

Sweetspot

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



26.8922, 15.6508, 9.3882



73.1740, 66.6743, 69.4651



28.7882, 15.5819, 56.7485



15.1824, 13.5469, 13.9824



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.8922, 15.6508, 9.3882



42.8830, 22.6845, 8.2160



29.1311, 21.4393, 6.0940



10.7121, 10.6682, 11.4672



15.3792, 7.9012, 1.9406



0.7530, 0.3841, 0.2227

Inverse Universe

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



26.8922, 15.6508, 9.3882



42.8830, 22.6845, 8.2160



24.1050, 29.0826, 59.6012



10.7121, 10.6682, 11.4672



15.3792, 7.9012, 1.9406



0.7530, 0.3841, 0.2227

Previews

White Background



This preview shows how the XYZ color 26.8918, 15.6499, 9.3880 looks on a white background.

Color Contrast Check

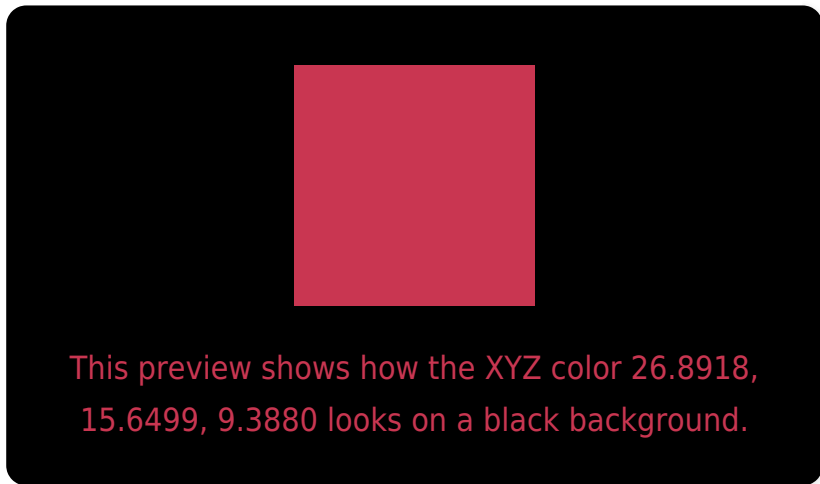
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8918, 15.6499, 9.3880

Background



This preview shows how black text looks on a background with the XYZ color 26.8918, 15.6499, 9.3880.



This preview shows how white text looks on a background with the XYZ color 26.8918, 15.6499,

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

26.8918, 15.6499, 9.3880

Protanopia

15.2777, 16.0078, 16.1945

Deuteranopia

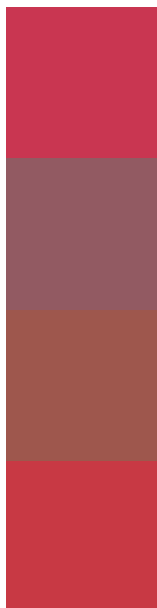
16.0629, 15.7890, 8.6795



Tritanopia

26.1748, 15.6424, 6.0546

Trichromacy



Original Color

26.8918, 15.6499, 9.3880

Protanomaly

17.7148, 14.3052, 13.3828

Deuteranomaly

18.8483, 14.6213, 8.8500

Tritanomaly

26.3259, 15.6230, 7.0968

Monochromacy



Original Color

26.8918, 15.6499, 9.3880

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

15.5072, 12.4672, 12.1788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8918, 15.6499, 9.3880 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(201, 54, 81)` looks like.

```
.text, #text, p{  
    color:rgb(201, 54, 81)  
}
```

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(201, 54, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 54, 81) }
```

Border

The CSS property to change the border of an element to XYZ 26.8918, 15.6499, 9.3880 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(201, 54, 81) }
```


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

```
.border{ border-color:rgb(201, 54, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 54, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 54, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 54, 81);  
box-shadow:4px 4px 4px 4px rgb(201, 54,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8918, 15.6499, 9.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 54, 81) }
```

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

```
.background{ background-color: rgb(201, 54,  
81) }
```

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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