

Converting Colors

XYZ(26.9828, 15.9252, 15.5616)

Have a look what the booklet for
XYZ(26.9828, 15.9252, 15.5616)
contains.

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Color

**XYZ(26.9828, 15.9252,
15.5616)**

Conversions

Conversions Part 1

Format	Color
Hex	C43B6B
RGB	196, 59, 107
RGB Percent	77%, 23%, 42%
CMY	0.2314, 0.7686, 0.5804
CMYK	0.00, 0.70, 0.45, 0.23
HSL	339°, 54%, 50%
HSV	339°, 70%, 77%
XYZ	26.9828, 15.9252, 15.5616
YIQ	105.4350, 66.2440, 43.9720

Conversions

Conversions Part 2

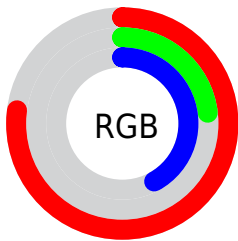
Format	Color
R_{YB}	196, 59, 107
Decimal	12860267
CIE _{Lab}	46.88, 57.60, 3.84
CIE _{LCh}	47, 57.724, 3.815
Yxy	15.9252, 0.4615, 0.2724
Android (android.graphics.Color)	4291050347 (0xFFC43B6B)
YUV	105.4350, 0.7715, 79.4255
Hunter-Lab	39.9064, 50.8570, 4.8142

Details

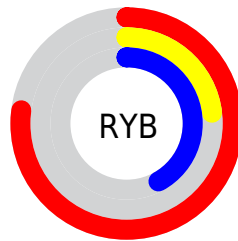
The XYZ color **26.9828, 15.9252, 15.5616** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **26.8900, 42.5483, 34.8157**, and the grayscale version is **13.5315, 14.2362, 15.5032**.

A 20% lighter version of the original color is **53.6569, 36.2194, 36.5108**, and **11.1321, 5.6446, 4.7778** is the 20% darker color. If you saturate the color by 10%, you get **25.5364, 14.0267, 12.0140**, and if you desaturate by 10%, it is **28.9068, 18.6210, 19.7554**.

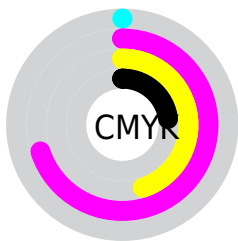
Distribution



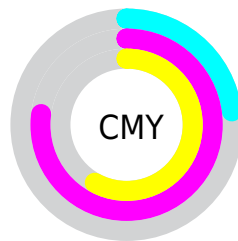
- Red (77%)
- Green (23%)
- Blue (42%)



- Red (77%)
- Yellow (23%)
- Blue (42%)



- Cyan (0%)
- Magenta (70%)
- Yellow (45%)
- Black (23%)



- Cyan (23%)
- Magenta (77%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9828, 15.9252, 15.5616 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 26.9828, 15.9252, 15.5616 by changing the saturation by 10% instead.

■ 26.9828, 15.9252,
15.5616

■ 26.9828, 15.9252,
15.5616

279.7429,
228.8999, 238.4975

■ 17.6968, 9.4712,
9.0635

■ 54.2763, 36.4683,
36.5916

■ 10.8309, 5.0498,
4.6852

■ 73.0146, 51.3262,
51.9605

■ 6.0197, 2.2765,
2.0083

■ 95.6344, 69.7543,
71.1235

■ 2.8978, 0.7612,
0.5604

■ 122.5010, 92.1368,
94.4990

■ 1.1000, 0.0000,
0.0000

■ 153.9798,
118.8583, 122.5056

■ 0.0251, 0.0000,
0.0000

190.4361,

■ 0.0000, 0.0000,

150.3030, 155.5618

0.0000

232.2354,
186.8554, 194.0863

■ 26.9828, 15.9252,
15.5616

■ 26.9828, 15.9252,
15.5616

■ 25.5364, 14.0267,
12.0140

■ 28.9068, 18.6210,
19.7554

■ 24.5170, 12.8315,
9.0743

■ 31.3491, 22.1889,
24.6285

■ 23.8352, 12.1675,
6.6900

■ 34.3472, 26.6980,
30.2123

■ 23.8288, 12.1613,
6.6672

■ 37.9347, 32.2097,
36.5360

■ 42.1424, 38.7801,
43.6266

■ 46.9990, 46.4611,
51.5101

■ 52.5311, 55.3013,
60.2109

■ 58.7641, 65.3462,
69.7524

■ 65.7219, 76.6391,
80.1571

Harmonies

Analogous

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



25.5800, 15.9252, 32.6597



26.9828, 15.9252, 15.5616



24.6779, 15.9252, 6.0417

Triad

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



26.9828, 15.9252, 15.5616



10.3668, 15.9252, 3.0061



11.2571, 15.9252, 55.9647

Complementary

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



26.9828, 15.9252, 15.5616



26.8900, 42.5483, 34.8157

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.



8.4389, 15.9252, 37.7734



26.9828, 15.9252, 15.5616



8.0105, 15.9252, 7.7640

Square

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



26.9828, 15.9252, 15.5616



14.5021, 15.9252, 1.7855



7.3917, 15.9252, 19.2486



15.7890, 15.9252, 62.2615

Rectangle

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



26.9828, 15.9252, 15.5616



21.5947, 15.9252, 3.2152



7.3917, 15.9252, 19.2486



10.1142, 15.9252, 50.6802

Sweetspot

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



26.9832, 15.9261, 15.5619



75.1778, 68.4219, 77.1006



23.3414, 13.2042, 53.5431



15.6187, 13.9051, 15.7133



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.



26.9832, 15.9261, 15.5619



45.1691, 24.0893, 18.7434



26.2277, 17.3978, 6.1145



10.2157, 10.1349, 11.2262



15.3482, 7.8290, 4.4796



0.6960, 0.3514, 0.3667

Inverse Universe

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



26.9832, 15.9261, 15.5619



45.1691, 24.0893, 18.7434



27.6356, 36.6508, 57.8424



10.2157, 10.1349, 11.2262



15.3482, 7.8290, 4.4796



0.6960, 0.3514, 0.3667

Previews

White Background



This preview shows how the XYZ color 26.9828, 15.9252, 15.5616 looks on a white background.

Color Contrast Check

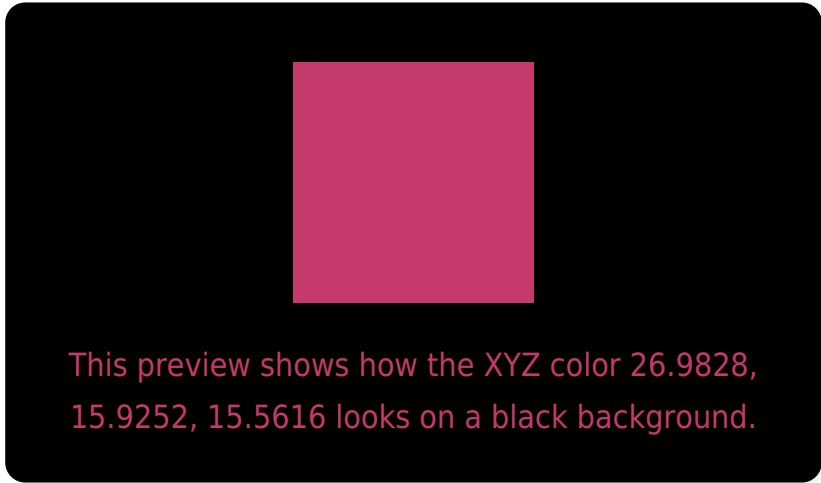
Large Text (above 18pt) WCAG AA ✓ Pass

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

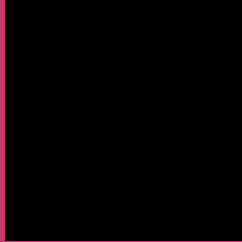
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9828, 15.9252, 15.5616

Background



This preview shows how black text looks on a background with the XYZ color 26.9828, 15.9252, 15.5616.



This preview shows how white text looks on a background with the XYZ color 26.9828, 15.9252,

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

26.9828, 15.9252, 15.5616

Protanopia

16.1437, 16.2392, 25.9505

Deuteranopia

16.4152, 16.1573, 14.3101



Tritanopia

25.3926, 15.9386, 7.6993

Trichromacy



Original Color

26.9828, 15.9252, 15.5616

Protanomaly

18.2405, 14.6496, 21.6049

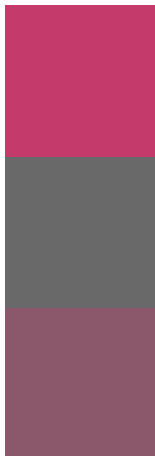
Deuteranomaly

19.0532, 14.9670, 14.7167

Tritanomaly

25.9393, 15.9090, 10.0911

Monochromacy



Original Color

26.9828, 15.9252, 15.5616

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.5725, 13.4233, 15.3532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9828, 15.9252, 15.5616 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(196, 59, 107)` looks like.

```
.text, #text, p{  
    color:rgb(196, 59, 107)  
}
```

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(196, 59, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 59, 107) }
```

Border

The CSS property to change the border of an element to XYZ 26.9828, 15.9252, 15.5616 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(196, 59, 107) }
```


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

```
.border{ border-color:rgb(196, 59, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 59, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 59, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 59, 107); box-shadow:4px 4px 4px 4px rgb(196, 59, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9828, 15.9252, 15.5616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 59, 107) }
```

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

```
.background{ background-color: rgb(196, 59,  
107) }
```

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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