

Converting Colors

XYZ(26.8276, 15.5784, 9.6311)

Have a look what the booklet for
XYZ(26.8276, 15.5784, 9.6311)
contains.

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Color

**XYZ(26.9296, 15.6650,
9.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	C93652
RGB	201, 54, 82
RGB Percent	79%, 21%, 32%
CMY	0.2118, 0.7882, 0.6784
CMYK	0.00, 0.73, 0.59, 0.21
HSL	349°, 58%, 50%
HSV	349°, 73%, 79%
XYZ	26.9296, 15.6650, 9.5870
YIQ	101.1450, 78.6240, 39.8720

Conversions

Conversions Part 2

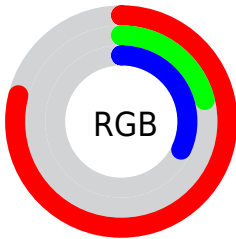
Format	Color
R_{YB}	201, 54, 82
Decimal	13186642
CIE Lab	46.53, 58.86, 18.84
CIE LCh	47, 61.805, 17.746
Yxy	15.6650, 0.5161, 0.3002
Android (android.graphics.Color)	4291376722 (0xFFC93652)
YUV	101.1450, -9.4385, 87.5728
Hunter-Lab	39.5790, 52.1882, 13.3439

Details

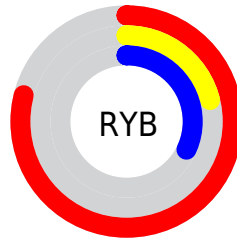
The XYZ color **26.9296, 15.6650, 9.5870** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **29.9521, 45.5752, 46.7578**, and the grayscale version is **12.4174, 13.0641, 14.2268**.

A 20% lighter version of the original color is **51.1309, 34.4870, 25.4345**, and **11.1651, 5.7154, 2.3484** is the 20% darker color. If you saturate the color by 10%, you get **25.6322, 13.9465, 6.4534**, and if you desaturate by 10%, it is **28.7610, 18.2167, 13.6233**.

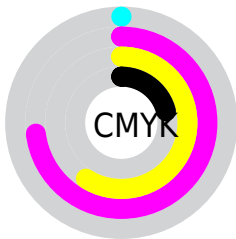
Distribution



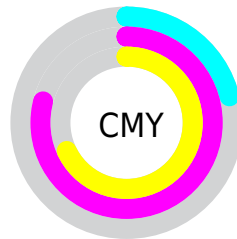
- Red (79%)
- Green (21%)
- Blue (32%)



- Red (79%)
- Yellow (21%)
- Blue (32%)



- Cyan (0%)
- Magenta (73%)
- Yellow (59%)
- Black (21%)





- Cyan (21%)
- Magenta (79%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9296, 15.6650, 9.5870 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 26.9296, 15.6650, 9.5870 by changing the saturation by 10% instead.


 26.9296, 15.6650,
9.5870


 26.9296, 15.6650,
9.5870


279.4899,
227.3568, 198.0750


 17.6567, 9.2874,
5.0240


 54.1916, 36.0156,
25.6113


 10.8020, 4.9291,
2.2024


 72.9113, 50.7575,
37.9097


 6.0001, 2.2057,
0.6757


 95.5107, 69.0562,
53.6236

 2.8858, 0.7231,
0.0000

 122.3551, 91.2962,
73.1715

 1.0937, 0.0000,
0.0000

 153.8099,
117.8619, 96.9721

 0.0198, 0.0000,
0.0000

190.2403,

 0.0000, 0.0000,

149.1376, 125.4439

0.0000

232.0119,
185.5077, 159.0053

■ 26.9296, 15.6650,
9.5870

■ 26.9296, 15.6650,
9.5870

■ 25.6322, 13.9465,
6.4534

■ 28.7610, 18.2167,
13.6233

■ 24.8059, 12.9521,
4.1490

■ 31.1771, 21.6876,
18.6258

■ 24.4417, 12.5592,
2.9931

■ 34.2240, 26.1558,
24.6528

■ 37.9427, 31.6905,
31.7580

■ 42.3706, 38.3546,
39.9909

■ 47.5425, 46.2060,
49.3982

■ 53.4907, 55.2989,
60.0237

■ 60.2456, 65.6839,
71.9092

■ 67.8362, 77.4088,
85.0942

Harmonies

Analogous

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



27.3084, 15.6650, 24.0706



26.9296, 15.6650, 9.5870



22.8927, 15.6650, 3.2543

Triad

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



26.9296, 15.6650, 9.5870



8.5219, 15.6650, 3.9584



12.8193, 15.6650, 64.7781

Complementary

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



26.9296, 15.6650, 9.5870



29.9521, 45.5752, 46.7578

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.



9.0093, 15.6650, 49.2836



26.9296, 15.6650, 9.5870



6.9554, 15.6650, 11.5574

Square

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



26.9296, 15.6650, 9.5870



11.9804, 15.6650, 1.5963



7.1094, 15.6650, 27.6504



18.2342, 15.6650, 63.0234

Rectangle

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



26.9296, 15.6650, 9.5870



19.1146, 15.6650, 1.7646



7.1094, 15.6650, 27.6504



11.3373, 15.6650, 61.1561

Sweetspot

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



26.9300, 15.6659, 9.5872



73.2214, 66.6932, 69.7147



28.7882, 15.5819, 56.7486



15.1934, 13.5513, 14.0403



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.



26.9300, 15.6659, 9.5872



42.9333, 22.7047, 8.4809



29.1311, 21.4392, 6.0940



10.7150, 10.6694, 11.4826



15.3936, 7.9070, 2.0166



0.7544, 0.3846, 0.2297

Inverse Universe

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



26.9300, 15.6659, 9.5872



42.9333, 22.7047, 8.4809



24.1049, 29.0826, 59.6013



10.7150, 10.6694, 11.4826



15.3936, 7.9070, 2.0166



0.7544, 0.3846, 0.2297

Previews

White Background



This preview shows how the XYZ color 26.9296, 15.6650, 9.5870 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 26.9296, 15.6650, 9.5870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

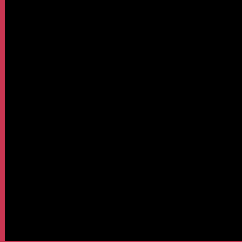
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9296, 15.6650, 9.5870

Background



This preview shows how black text looks on a background with the XYZ color 26.9296, 15.6650, 9.5870.



This preview shows how white text looks on a background with the XYZ color 26.9296, 15.6650,

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

26.9296, 15.6650, 9.5870

Protanopia

15.3306, 16.0290, 16.4733

Deuteranopia

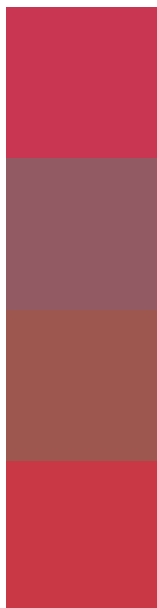
16.0969, 15.8026, 8.8584



Tritanopia

26.1748, 15.6424, 6.0546

Trichromacy



Original Color

26.9296, 15.6650, 9.5870

Protanomaly

17.7624, 14.3242, 13.6330

Deuteranomaly

18.8839, 14.6355, 9.0374

Tritanomaly

26.3567, 15.6353, 7.2590

Monochromacy



Original Color

26.9296, 15.6650, 9.5870

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 26.9296, 15.6650, 9.5870 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(201, 54, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 54, 82) }
```

Border

The CSS property to change the border of an element to XYZ 26.9296, 15.6650, 9.5870 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, 82) }
```


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

```
.border{ border-color:rgb(201, 54, 82) }
```

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, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 54, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 54, 82);  
box-shadow:4px 4px 4px 4px rgb(201, 54,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9296, 15.6650, 9.5870 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, 82) }
```

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

```
.background{ background-color: rgb(201, 54,  
82) }
```

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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