

Converting Colors

XYZ(25.9105, 13.8944, 9.0309)

Have a look what the booklet for
XYZ(25.9105, 13.8944, 9.0309)
contains.

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Color

**XYZ(26.0369, 13.9401,
9.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	C91E51
RGB	201, 30, 81
RGB Percent	79%, 12%, 32%
CMY	0.2118, 0.8823, 0.6824
CMYK	0.00, 0.85, 0.60, 0.21
HSL	342°, 74%, 45%
HSV	342°, 85%, 79%
XYZ	26.0369, 13.9401, 9.1030
YIQ	86.9430, 85.5450, 52.1130

Conversions

Conversions Part 2

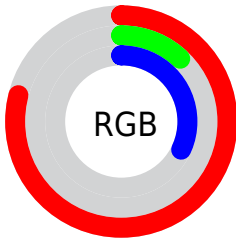
Format	Color
R_{YB}	201, 30, 81
Decimal	13180497
CIE Lab	44.15, 65.47, 16.25
CIE LCh	44, 67.461, 13.938
Yxy	13.9401, 0.5305, 0.2840
Android (android.graphics.Color)	4291370577 (0xFFC91E51)
YUV	86.9430, -2.9299, 100.0280
Hunter-Lab	37.3364, 59.1398, 11.6800

Details

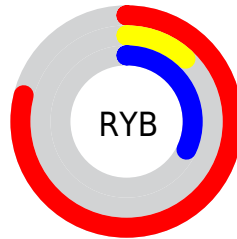
The XYZ color **26.0369, 13.9401, 9.1030** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **26.9288, 44.2520, 35.9830**, and the grayscale version is **9.0417, 9.5126, 10.3592**.

A 20% lighter version of the original color is **49.4521, 31.2374, 24.5421**, and **11.1491, 5.7090, 2.2646** is the 20% darker color. If you saturate the color by 10%, you get **25.2049, 13.0367, 6.4814**, and if you desaturate by 10%, it is **27.3033, 15.5368, 12.4118**.

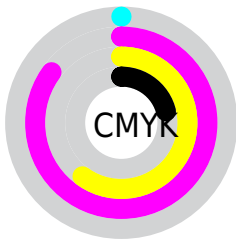
Distribution



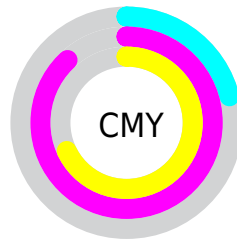
- Red (79%)
- Green (12%)
- Blue (32%)



- Red (79%)
- Yellow (12%)
- Blue (32%)



- Cyan (0%)
- Magenta (85%)
- Yellow (60%)
- Black (21%)





- Cyan (21%)
- Magenta (88%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0369, 13.9401, 9.1030 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 26.0369, 13.9401, 9.1030 by changing the saturation by 10% instead.


 26.0369, 13.9401,
9.1030


 26.0369, 13.9401,
9.1030

275.2165,
216.8579, 194.3907


 16.9841, 8.0790,
4.7107


 52.7653, 32.9827,
24.6750


 10.3184, 4.1456,
2.0228


 71.1717, 46.9330,
36.6917

 5.6744, 1.7553,
0.5692

 93.4265, 64.3485,
52.0870

 2.6869, 0.4591,
0.0000

 119.8953, 85.6136,
71.2794

 0.9904, 0.0000,
0.0000

 150.9434,
111.1127, 94.6874

 0.0000, 0.0000,
0.0000

 186.9360,

141.2302, 122.7296

228.2386,
176.3504, 155.8245

■ 26.0369, 13.9401,
9.1030

■ 26.0369, 13.9401,
9.1030

■ 25.2049, 13.0367,
6.4814

■ 27.3033, 15.5368,
12.4118

■ 24.9012, 12.7430,
5.4131

■ 29.0629, 17.9336,
16.4581

■ 31.3655, 21.2214,
21.2871

■ 34.2543, 25.4778,
26.9400

■ 37.7681, 30.7722,
33.4547

■ 41.9422, 37.1673,
40.8667

■ 46.8091, 44.7211,
49.2095

■ 52.3991, 53.4874,
58.5146

■ 58.7409, 63.5164,
68.8122

Harmonies

Analogous

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



25.8815, 13.9401, 24.9378



26.0369, 13.9401, 9.1030



22.1804, 13.9401, 2.5063

Triad

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



26.0369, 13.9401, 9.1030



7.2906, 13.9401, 2.2797



10.5890, 13.9401, 65.1467

Complementary

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



26.0369, 13.9401, 9.1030



26.9288, 44.2520, 35.9830

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.



7.1101, 13.9401, 46.4061



26.0369, 13.9401, 9.1030



5.5885, 13.9401, 8.3693

Square

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



26.0369, 13.9401, 9.1030



10.9112, 13.9401, 0.7439



5.5329, 13.9401, 23.4898



15.9004, 13.9401, 65.9002

Rectangle

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



26.0369, 13.9401, 9.1030



18.3332, 13.9401, 1.0897



5.5329, 13.9401, 23.4898



9.2052, 13.9401, 60.3677

Sweetspot

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



26.0372, 13.9409, 9.1032



70.8161, 62.1035, 68.2325



23.5307, 11.6025, 56.2575



14.6034, 12.4413, 13.6277



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.



26.0372, 13.9409, 9.1032



42.5458, 21.7823, 8.8061



26.1673, 16.2022, 2.9776



10.7618, 10.6881, 11.7292



15.6925, 8.0266, 3.5908



0.7755, 0.3930, 0.3409

Inverse Universe

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



26.0372, 13.9409, 9.1032



42.5458, 21.7823, 8.8061



24.8612, 32.0586, 60.1358



10.7618, 10.6881, 11.7292



15.6925, 8.0266, 3.5908



0.7755, 0.3930, 0.3409

Previews

White Background



This preview shows how the XYZ color 26.0369, 13.9401, 9.1030 looks on a white background.

Color Contrast Check

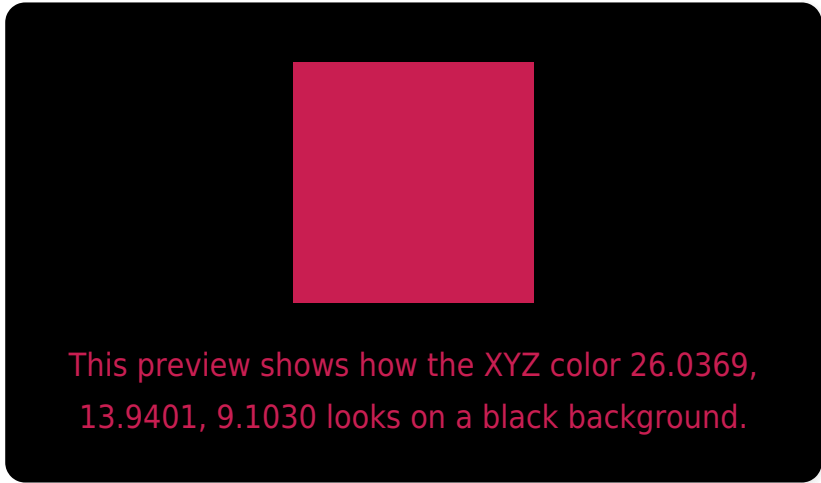
Large Text (above 18pt) WCAG AA ✓ Pass

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

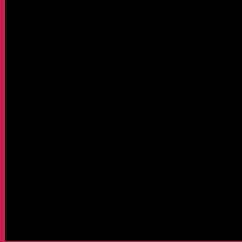
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0369, 13.9401, 9.1030

Background



This preview shows how black text looks on a background with the XYZ color 26.0369, 13.9401, 9.1030.



This preview shows how white text looks on a background with the XYZ color 26.0369, 13.9401,

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

26.0369, 13.9401, 9.1030

Protanopia

13.9145, 14.3213, 17.9505

Deuteranopia

14.4605, 14.2240, 8.2867



Tritanopia

24.7640, 13.8952, 3.5673

Trichromacy



Original Color

26.0369, 13.9401, 9.1030

Protanomaly

15.9379, 11.9835, 14.0434

Deuteranomaly

16.9575, 12.3263, 8.3229

Tritanomaly

25.1948, 13.8880, 5.0941

Monochromacy



Original Color

26.0369, 13.9401, 9.1030

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

12.4900, 9.1415, 9.7005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0369, 13.9401, 9.1030 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, 30, 81)` looks like.

```
.text, #text, p{  
    color:rgb(201, 30, 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, 30, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 30, 81) }
```

Border

The CSS property to change the border of an element to XYZ 26.0369, 13.9401, 9.1030 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, 30, 81) }
```


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

```
.border{ border-color:rgb(201, 30, 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, 30, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 30, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 30, 81);  
box-shadow:4px 4px 4px 4px rgb(201, 30,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0369, 13.9401, 9.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 30, 81) }
```

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

```
.background{ background-color: rgb(201, 30,  
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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