

Converting Colors

XYZ(26.1327, 13.4006, 7.4286)

Have a look what the booklet for
XYZ(26.1327, 13.4006, 7.4286)
contains.

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Color

**XYZ(26.1479, 13.4052,
7.5127)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0449
RGB	204, 4, 73
RGB Percent	80%, 2%, 29%
CMY	0.2000, 0.9842, 0.7137
CMYK	0.00, 0.98, 0.64, 0.20
HSL	339°, 96%, 41%
HSV	339°, 98%, 80%
XYZ	26.1479, 13.4052, 7.5127
YIQ	71.6660, 97.0510, 63.8590

Conversions

Conversions Part 2

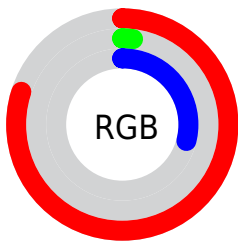
Format	Color
R_YB	204, 4, 73
Decimal	13370441
CIE Lab	43.37, 69.29, 20.33
CIE LCh	43, 72.215, 16.349
Yxy	13.4052, 0.5556, 0.2848
Android (android.graphics.Color)	4291560521 (0xFFCC0449)
YUV	71.6660, 0.6577, 116.0569
Hunter-Lab	36.6131, 63.4060, 13.4634

Details

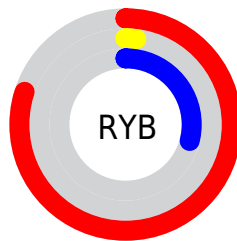
The XYZ color **26.1479, 13.4052, 7.5127** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **26.0191, 44.9620, 30.2424**, and the grayscale version is **6.0931, 6.4104, 6.9810**.

A 20% lighter version of the original color is **48.1809, 29.6199, 21.2670**, and **11.3897, 5.8445, 1.7561** is the 20% darker color. If you saturate the color by 10%, you get **26.0185, 13.2840, 7.0461**, and if you desaturate by 10%, it is **26.9320, 14.1866, 10.2002**.

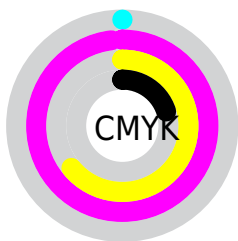
Distribution



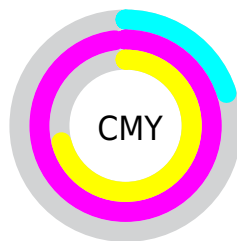
- Red (80%)
- Green (2%)
- Blue (29%)



- Red (80%)
- Yellow (2%)
- Blue (29%)



- Cyan (0%)
- Magenta (98%)
- Yellow (64%)
- Black (20%)





- Cyan (20%)
- Magenta (98%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1479, 13.4052, 7.5127 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 26.1479, 13.4052, 7.5127 by changing the saturation by 10% instead.

 26.1479, 13.4052,
7.5127


 26.1479, 13.4052,
7.5127


275.7508,
213.4985, 181.6478


 17.0676, 7.7082,
3.7015


 52.9431, 32.0298,
21.5276


 10.3783, 3.9088,
1.4631


 71.3886, 45.7262,
32.5684


 5.7147, 1.6227,
0.1902

 93.6866, 62.8579,
46.8561

 2.7114, 0.3728,
0.0000

 120.2024, 83.8091,
64.8093

 1.0030, 0.0000,
0.0000

 151.3013,
108.9644, 86.8466

 0.0000, 0.0000,
0.0000

 187.3488,

138.7082, 113.3864

228.7102,
173.4247, 144.8473

■ 26.1479, 13.4052,
7.5127

■ 26.1479, 13.4052,
7.5127

■ 26.0185, 13.2840,
7.0461

■ 26.9320, 14.1866,
10.2002

■ 28.1211, 15.6166,
13.5202

■ 29.7917, 17.8396,
17.5237

■ 31.9962, 20.9534,
22.2521

■ 34.7802, 25.0413,
27.7428

■ 38.1839, 30.1773,
34.0304

■ 42.2439, 36.4277,
41.1470

■ 46.9937, 43.8537,
49.1229

■ 52.4646, 52.5118,
57.9869

Harmonies

Analogous

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



26.3607, 13.4052, 23.1684



26.1479, 13.4052, 7.5127



21.7317, 13.4052, 1.7122

Triad

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



26.1479, 13.4052, 7.5127



6.4215, 13.4052, 1.9707



10.3612, 13.4052, 69.9008

Complementary

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



26.1479, 13.4052, 7.5127



26.0191, 44.9620, 30.2424

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.



6.6517, 13.4052, 50.3009



26.1479, 13.4052, 7.5127



4.8708, 13.4052, 8.4516

Square

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



26.1479, 13.4052, 7.5127



9.9397, 13.4052, 0.3829



4.9404, 13.4052, 25.1331



16.0252, 13.4052, 68.8367

Rectangle

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



26.1479, 13.4052, 7.5127



17.5770, 13.4052, 0.6028



4.9404, 13.4052, 25.1331



8.8853, 13.4052, 65.1212

Sweetspot

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



26.1482, 13.4060, 7.5129



68.9820, 58.8113, 66.4619



20.7765, 9.5167, 57.8685



14.1279, 11.6048, 13.1164



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.



26.1482, 13.4060, 7.5129



42.9992, 21.9637, 11.1936



25.4968, 13.9921, 1.4728



11.3694, 11.2765, 12.4797



16.4161, 8.3770, 4.6441



0.8825, 0.4464, 0.4269

Inverse Universe

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



26.1482, 13.4060, 7.5129



42.9992, 21.9637, 11.1936



26.0867, 34.6599, 62.4417



11.3694, 11.2765, 12.4797



16.4161, 8.3770, 4.6441



0.8825, 0.4464, 0.4269

Previews

White Background



This preview shows how the XYZ color 26.1479, 13.4052, 7.5127 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 26.1479, 13.4052, 7.5127 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 26.1479, 13.4052, 7.5127

Background



This preview shows how black text looks on a background with the XYZ color 26.1479, 13.4052, 7.5127.



This preview shows how white text looks on a background with the XYZ color 26.1479, 13.4052,

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

26.1479, 13.4052, 7.5127

Protanopia

13.5480, 14.0263, 15.9032

Deuteranopia

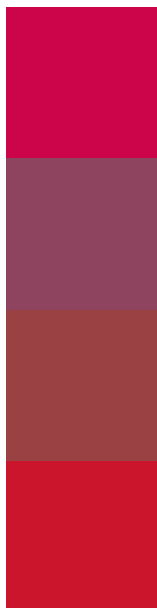
14.0868, 13.9201, 6.7949



Tritanopia

25.2907, 13.7042, 2.3491

Trichromacy



Original Color

26.1479, 13.4052, 7.5127

Protanomaly

15.2880, 10.7113, 12.0882

Deuteranomaly

16.2298, 11.0559, 6.5888

Tritanomaly

25.3514, 13.4147, 3.6360

Monochromacy



Original Color

26.1479, 13.4052, 7.5127

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

9.9319, 6.4940, 6.8609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1479, 13.4052, 7.5127 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(204, 4, 73)` looks like.

```
.text, #text, p{  
    color:rgb(204, 4, 73)  
}
```

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(204, 4, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 4, 73) }
```

Border

The CSS property to change the border of an element to XYZ 26.1479, 13.4052, 7.5127 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(204, 4, 73) }
```


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

```
.border{ border-color:rgb(204, 4, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 4, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 4, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 4, 73);  
box-shadow:4px 4px 4px 4px rgb(204, 4, 73)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.1479, 13.4052, 7.5127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 4, 73) }
```

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

```
.background{ background-color: rgb(204, 4,  
73) }
```

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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