

Converting Colors

XYZ(25.5424, 13.0665, 7.1721)

Have a look what the booklet for
XYZ(25.5424, 13.0665, 7.1721)
contains.

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Color

**XYZ(25.5162, 13.0549,
7.1362)**

Conversions

Conversions Part 1

Format	Color
Hex	CA0247
RGB	202, 2, 71
RGB Percent	79%, 1%, 28%
CMY	0.2078, 0.9920, 0.7216
CMYK	0.00, 0.99, 0.65, 0.21
HSL	339°, 98%, 40%
HSV	339°, 99%, 79%
XYZ	25.5162, 13.0549, 7.1362
YIQ	69.6660, 97.0510, 63.8590

Conversions

Conversions Part 2

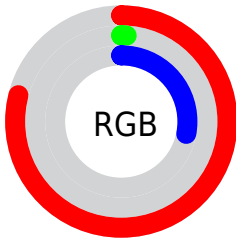
Format	Color
RYB	202, 2, 71
Decimal	13238855
CIELab	42.85, 68.90, 20.82
CIElCh	43, 71.981, 16.814
Yxy	13.0549, 0.5583, 0.2856
Android (android.graphics.Color)	4291428935 (0xFFCA0247)
YUV	69.6660, 0.6577, 116.0569
Hunter-Lab	36.1316, 62.8269, 13.5820

Details

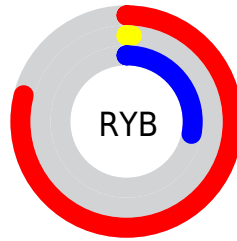
The XYZ color **25.5162, 13.0549, 7.1362** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **25.3823, 43.9486, 29.3494**, and the grayscale version is **5.7573, 6.0571, 6.5962**.

A 20% lighter version of the original color is **47.9780, 29.4083, 20.6004**, and **11.0370, 5.6642, 1.6740** is the 20% darker color. If you saturate the color by 10%, you get **25.4520, 12.9945, 6.9057**, and if you desaturate by 10%, it is **26.2579, 13.7833, 9.7121**.

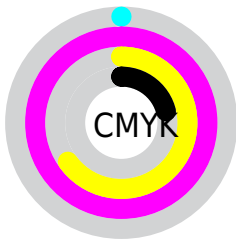
Distribution



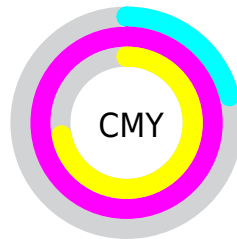
- Red (79%)
- Green (1%)
- Blue (28%)



- Red (79%)
- Yellow (1%)
- Blue (28%)



- Cyan (0%)
- Magenta (99%)
- Yellow (65%)
- Black (21%)





- Cyan (21%)
- Magenta (99%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5162, 13.0549, 7.1362 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 25.5162, 13.0549, 7.1362 by changing the saturation by 10% instead.


 25.5162, 13.0549,
7.1362


 25.5162, 13.0549,
7.1362


272.6994,
211.2692, 178.4643


 16.5928, 7.4664,
3.4677


 51.9303, 31.4024,
20.7642


 10.0381, 3.7554,
1.3381


 70.1518, 44.9301,
31.5608

 5.4867, 1.5377,
0.0927


 92.2033, 61.8730,
45.5705

 2.5732, 0.3151,
0.0000

 118.4502, 82.6155,
63.2118

 0.9323, 0.0000,
0.0000

 149.2580,
107.5420, 84.9033

 0.0000, 0.0000,
0.0000

 184.9919,

137.0368, 111.0635

226.0172,
171.4844, 142.1110

■ 25.5162, 13.0549,
7.1362

■ 25.5162, 13.0549,
7.1362

■ 25.4520, 12.9945,
6.9057

■ 26.2579, 13.7833,
9.7121

■ 27.3802, 15.1156,
12.8983

■ 28.9674, 17.2128,
16.7483

■ 31.0719, 20.1720,
21.3029

■ 33.7386, 24.0757,
26.5989

■ 37.0071, 28.9967,
32.6703

■ 40.9134, 35.0006,
39.5487

■ 45.4906, 42.1474,
47.2639

■ 50.7695, 50.4927,
55.8439

Harmonies

Analogous

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



25.7972, 13.0549, 22.2929



25.5162, 13.0549, 7.1362



21.1328, 13.0549, 1.5988

Triad

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



25.5162, 13.0549, 7.1362



6.1897, 13.0549, 1.9356



10.1512, 13.0549, 68.7029

Complementary

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



25.5162, 13.0549, 7.1362



25.3823, 43.9486, 29.3494

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.



6.4919, 13.0549, 49.6527



25.5162, 13.0549, 7.1362



4.7031, 13.0549, 8.3700

Square

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



25.5162, 13.0549, 7.1362



9.5965, 13.0549, 0.3474



4.7944, 13.0549, 24.8850



15.7218, 13.0549, 67.2954

Rectangle

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



25.5162, 13.0549, 7.1362



17.0494, 13.0549, 0.5387



4.7944, 13.0549, 24.8850



8.6966, 13.0549, 64.1045

Sweetspot

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



25.5165, 13.0557, 7.1364



68.2654, 57.7023, 65.2231



20.2006, 9.2151, 56.5909



13.9920, 11.3961, 12.8768



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.



25.5165, 13.0557, 7.1364



42.9991, 21.9636, 11.1932



24.8856, 13.5958, 1.3712



11.3694, 11.2765, 12.4797



16.4161, 8.3770, 4.6439



0.8825, 0.4464, 0.4269

Inverse Universe

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



25.5165, 13.0557, 7.1364



42.9991, 21.9636, 11.1932



25.4397, 33.7846, 61.0572



11.3694, 11.2765, 12.4797



16.4161, 8.3770, 4.6439



0.8825, 0.4464, 0.4269

Previews

White Background



This preview shows how the XYZ color 25.5162, 13.0549, 7.1362 looks on a white background.

Color Contrast Check

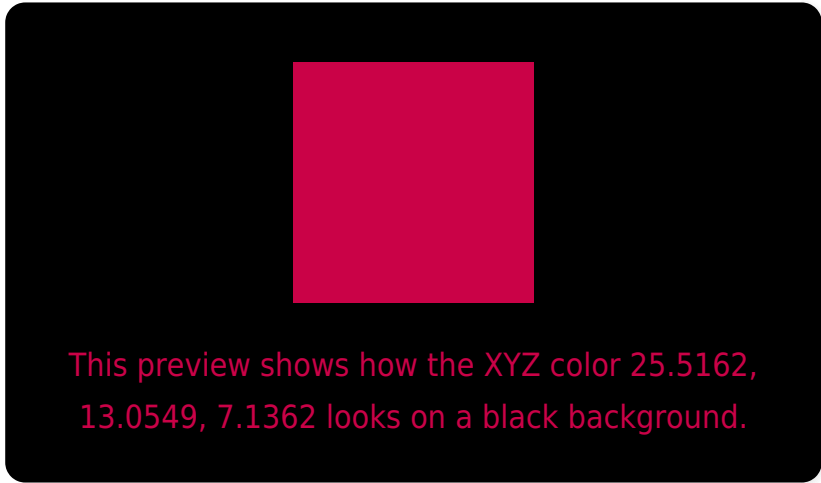
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5162, 13.0549, 7.1362

Background



This preview shows how black text looks on a background with the XYZ color 25.5162, 13.0549, 7.1362.



This preview shows how white text looks on a background with the XYZ color 25.5162, 13.0549,

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

25.5162, 13.0549, 7.1362

Protanopia

13.1746, 13.7032, 15.0473

Deuteranopia

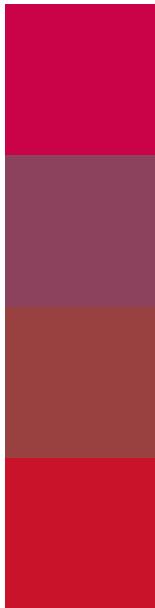
13.7888, 13.6315, 6.4618



Tritanopia

24.7132, 13.3708, 2.2556

Trichromacy



Original Color

25.5162, 13.0549, 7.1362

Protanomaly

14.6952, 10.2446, 11.3281

Deuteranomaly

15.9244, 10.8208, 6.2503

Tritanomaly

24.7382, 13.0504, 3.4056

Monochromacy



Original Color

25.5162, 13.0549, 7.1362

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.5151, 6.1705, 6.4839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5162, 13.0549, 7.1362 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(202, 2, 71)` looks like.

```
.text, #text, p{  
    color:rgb(202, 2, 71)  
}
```

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(202, 2, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 2, 71) }
```

Border

The CSS property to change the border of an element to XYZ 25.5162, 13.0549, 7.1362 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(202, 2, 71) }
```


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

```
.border{ border-color:rgb(202, 2, 71) }
```

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

Here you see how a box with a 4 pixel rgb(202, 2, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 2, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 2, 71);  
box-shadow:4px 4px 4px 4px rgb(202, 2, 71)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.5162, 13.0549, 7.1362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 2, 71) }
```

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

```
.background{ background-color: rgb(202, 2,  
71) }
```

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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