

Converting Colors

XYZ(25.8078, 12.8170, 7.3780)

Have a look what the booklet for
XYZ(25.8078, 12.8170, 7.3780)
contains.

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Color

**XYZ(26.1044, 13.3184,
7.4982)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0049
RGB	204, 0, 73
RGB Percent	80%, 0%, 29%
CMY	0.2000, 0.9998, 0.7137
CMYK	0.00, 1.00, 0.64, 0.20
HSL	339°, 100%, 40%
HSV	339°, 100%, 80%
XYZ	26.1044, 13.3184, 7.4982
YIQ	69.3180, 98.1510, 65.9510

Conversions

Conversions Part 2

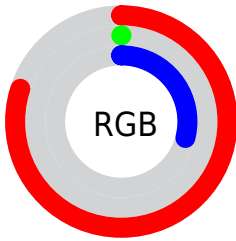
Format	Color
RYB	204, 0, 73
Decimal	13369417
CIELab	43.24, 69.67, 20.16
CIElCh	43, 72.526, 16.138
Yxy	13.3184, 0.5563, 0.2838
Android (android.graphics.Color)	4291559497 (0xFFCC0049)
YUV	69.3180, 1.8152, 118.1161
Hunter-Lab	36.4944, 63.8157, 13.3642

Details

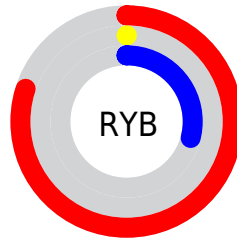
The XYZ color **26.1044, 13.3184, 7.4982** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **25.6927, 44.8255, 28.7853**, and the grayscale version is **5.6983, 5.9950, 6.5286**.

A 20% lighter version of the original color is **48.0994, 29.4569, 21.2398**, and **11.3897, 5.8445, 1.7561** is the 20% darker color. If you saturate the color by 10%, you get **26.1034, 13.3180, 7.4935**, and if you desaturate by 10%, it is **26.8435, 14.0269, 10.1185**.

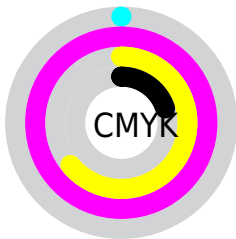
Distribution



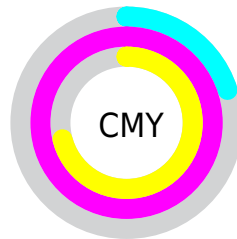
- Red (80%)
- Green (0%)
- Blue (29%)



- Red (80%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1044, 13.3184, 7.4982 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 26.1044, 13.3184, 7.4982 by changing the saturation by 10% instead.

 26.1044, 13.3184,
7.4982


 26.1044, 13.3184,
7.4982

275.5415,
212.9483, 181.5265


 17.0348, 7.6482,
3.6924


 52.8734, 31.8746,
21.4984


 10.3548, 3.8707,
1.4582


 71.3036, 45.5294,
32.5299


 5.6989, 1.6015,
0.1865


 93.5847, 62.6145,
46.8070

 2.7018, 0.3586,
0.0000

 120.0821, 83.5143,
64.7483

 0.9981, 0.0000,
0.0000

 151.1611,
108.6132, 86.7724

 0.0000, 0.0000,
0.0000

 187.1871,

138.2955, 113.2978

228.5255,
172.9458, 144.7430

■ 26.1044, 13.3184,
7.4982

■ 26.1044, 13.3184,
7.4982

■ 26.1034, 13.3180,
7.4935

■ 26.8435, 14.0269,
10.1185

■ 27.9511, 15.3170,
13.3393

■ 29.5252, 17.3774,
17.2174

■ 31.6200, 20.3092,
21.7934

■ 34.2818, 24.1981,
27.1039

■ 37.5516, 29.1195,
33.1825

■ 41.4663, 35.1410,
40.0605

■ 46.0597, 42.3247,
47.7673

■ 51.3633, 50.7277,
56.3305

Harmonies

Analogous

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



26.2845, 13.3184, 23.2331



26.1044, 13.3184, 7.4982



21.7005, 13.3184, 1.6855

Triad

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



26.1044, 13.3184, 7.4982



6.3655, 13.3184, 1.9007



10.2463, 13.3184, 69.9220

Complementary

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



26.1044, 13.3184, 7.4982



25.6927, 44.8255, 28.7853

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.



6.5590, 13.3184, 50.1246



26.1044, 13.3184, 7.4982



4.8088, 13.3184, 8.2880

Square

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



26.1044, 13.3184, 7.4982



9.8911, 13.3184, 0.3414



4.8672, 13.3184, 24.8942



15.8998, 13.3184, 69.0194

Rectangle

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



26.1044, 13.3184, 7.4982



17.5428, 13.3184, 0.5750



4.8672, 13.3184, 24.8942



8.7774, 13.3184, 65.0702

Sweetspot

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



26.1047, 13.3192, 7.4984



68.3843, 57.7498, 65.8492



19.9854, 9.0445, 57.8187



14.0198, 11.4071, 13.0229



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.



26.1047, 13.3192, 7.4984



43.1377, 22.0191, 11.9232



25.2993, 13.6321, 1.2990



11.3754, 11.2789, 12.5112



16.4705, 8.3988, 4.9304



0.8857, 0.4477, 0.4440

Inverse Universe

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



26.1047, 13.3192, 7.4984



43.1377, 22.0191, 11.9232



26.5832, 35.7272, 62.6213



11.3754, 11.2789, 12.5112



16.4705, 8.3988, 4.9304



0.8857, 0.4477, 0.4440

Previews

White Background



This preview shows how the XYZ color 26.1044, 13.3184, 7.4982 looks on a white background.

Color Contrast Check

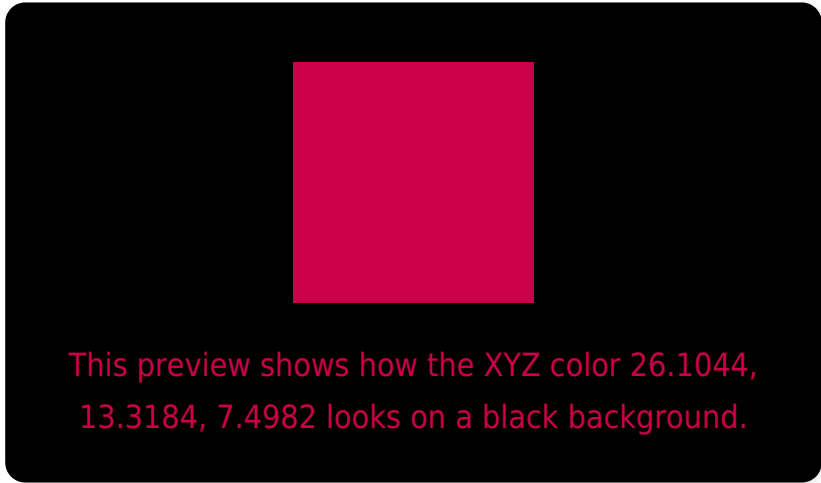
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1044, 13.3184, 7.4982

Background



This preview shows how black text looks on a background with the XYZ color 26.1044, 13.3184, 7.4982.



This preview shows how white text looks on a background with the XYZ color 26.1044, 13.3184,

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

26.1044, 13.3184, 7.4982

Protanopia

13.4299, 13.9654, 15.8977

Deuteranopia

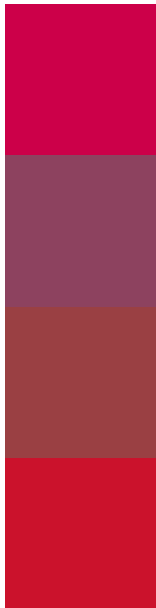
14.0868, 13.9201, 6.7949



Tritanopia

25.2658, 13.6544, 2.3408

Trichromacy



Original Color

26.1044, 13.3184, 7.4982

Protanomaly

14.9983, 10.3854, 12.0406

Deuteranomaly

16.1729, 10.9421, 6.5698

Tritanomaly

25.2995, 13.3110, 3.6187

Monochromacy



Original Color

26.1044, 13.3184, 7.4982

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

9.4774, 6.0951, 6.4713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1044, 13.3184, 7.4982 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, 0, 73)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 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, 0, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 73) }
```

Border

The CSS property to change the border of an element to XYZ 26.1044, 13.3184, 7.4982 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, 0, 73) }
```


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

```
.border{ border-color:rgb(204, 0, 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, 0, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 73);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 73)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.1044, 13.3184, 7.4982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 73) }
```

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

```
.background{ background-color: rgb(204, 0,  
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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