

Converting Colors

XYZ(22.9687, 7.0852, 6.7997)

Have a look what the booklet for
XYZ(22.9687, 7.0852, 6.7997)
contains.

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Color

**XYZ(26.1718, 13.3454,
7.8531)**

Conversions

Conversions Part 1

Format	Color
Hex	CC004B
RGB	204, 0, 75
RGB Percent	80%, 0%, 29%
CMY	0.2000, 0.9998, 0.7059
CMYK	0.00, 1.00, 0.63, 0.20
HSL	338°, 100%, 40%
HSV	338°, 100%, 80%
XYZ	26.1718, 13.3454, 7.8531
YIQ	69.5460, 97.5090, 66.5730

Conversions

Conversions Part 2

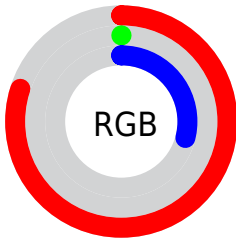
Format	Color
RYB	204, 0, 75
Decimal	13369419
CIELab	43.28, 69.77, 18.95
CIElCh	43, 72.303, 15.198
Yxy	13.3454, 0.5525, 0.2817
Android (android.graphics.Color)	4291559499 (0xFFCC004B)
YUV	69.5460, 2.6888, 117.9162
Hunter-Lab	36.5314, 63.9511, 12.8265

Details

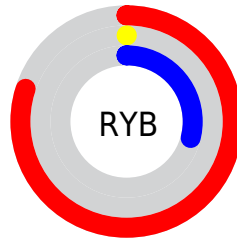
The XYZ color **26.1718, 13.3454, 7.8531** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **25.5586, 44.7718, 28.0788**, and the grayscale version is **5.7347, 6.0333, 6.5703**.

A 20% lighter version of the original color is **48.2233, 29.5065, 21.8926**, and **11.4160, 5.8551, 1.8949** is the 20% darker color. If you saturate the color by 10%, you get **26.1707, 13.3449, 7.8481**, and if you desaturate by 10%, it is **26.9171, 14.0564, 10.5059**.

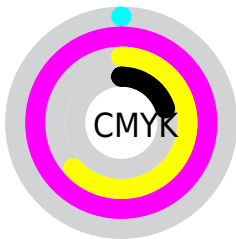
Distribution



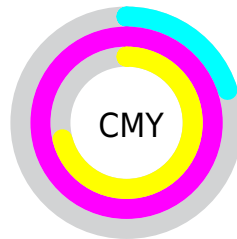
- Red (80%)
- Green (0%)
- Blue (29%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (20%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1718, 13.3454, 7.8531 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 26.1718, 13.3454, 7.8531 by changing the saturation by 10% instead.


 26.1718, 13.3454,
7.8531


 26.1718, 13.3454,
7.8531


275.8657,
213.1196, 184.4666


 17.0856, 7.6668,
3.9147


 52.9813, 31.9229,
22.2114

 10.3912, 3.8825,
1.5787


 71.4353, 45.5907,
33.4683

 5.7233, 1.6081,
0.2755

 93.7425, 62.6902,
48.0017

 2.7166, 0.3630,
0.0000

 120.2685, 83.6061,
66.2303

 1.0058, 0.0000,
0.0000

 151.3784,
108.7225, 88.5726

 0.0000, 0.0000,
0.0000

 187.4376,

138.4240, 115.4470

228.8116,
173.0949, 147.2722

■ 26.1718, 13.3454,
7.8531

■ 26.1718, 13.3454,
7.8531

■ 26.1707, 13.3449,
7.8481

■ 26.9171, 14.0564,
10.5059

■ 28.0286, 15.3482,
13.7472

■ 29.6041, 17.4092,
17.6327

■ 31.6976, 20.3405,
22.2015

■ 34.3552, 24.2278,
27.4891

■ 37.6175, 29.1463,
33.5280

■ 41.5213, 35.1636,
40.3487

■ 46.1003, 42.3416,
47.9794

■ 51.3859, 50.7375,
56.4471

Harmonies

Analogous

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



26.2030, 13.3454, 23.9196



26.1718, 13.3454, 7.8531



21.8858, 13.3454, 1.7952

Triad

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



26.1718, 13.3454, 7.8531



6.4754, 13.3454, 1.8327



10.1274, 13.3454, 69.3877

Complementary

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



26.1718, 13.3454, 7.8531



25.5586, 44.7718, 28.0788

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.



6.5090, 13.3454, 49.2334



26.1718, 13.3454, 7.8531



4.8622, 13.3454, 7.9902

Square

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



26.1718, 13.3454, 7.8531



10.0658, 13.3454, 0.3387



4.8723, 13.3454, 24.2072



15.7218, 13.3454, 69.2317

Rectangle

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



26.1718, 13.3454, 7.8531



17.7589, 13.3454, 0.6282



4.8723, 13.3454, 24.2072



8.6823, 13.3454, 64.3506

Sweetspot

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



26.1721, 13.3462, 7.8533



68.4755, 57.7863, 66.3296



19.4766, 8.7822, 57.7949



14.0411, 11.4157, 13.1351



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.



26.1721, 13.3462, 7.8533



43.2476, 22.0631, 12.5020



25.2252, 13.4840, 1.2744



11.3799, 11.2807, 12.5353



16.5135, 8.4160, 5.1570



0.8882, 0.4487, 0.4573

Inverse Universe

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



26.1721, 13.3462, 7.8533



43.2476, 22.0631, 12.5020



27.2621, 37.0850, 62.8475



11.3799, 11.2807, 12.5353



16.5135, 8.4160, 5.1570



0.8882, 0.4487, 0.4573

Previews

White Background



This preview shows how the XYZ color 26.1718, 13.3454, 7.8531 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 26.1718, 13.3454, 7.8531 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 26.1718, 13.3454, 7.8531

Background



This preview shows how black text looks on a background with the XYZ color 26.1718, 13.3454, 7.8531.



This preview shows how white text looks on a background with the XYZ color 26.1718, 13.3454,

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

26.1718, 13.3454, 7.8531

Protanopia

13.5905, 14.0297, 16.7436

Deuteranopia

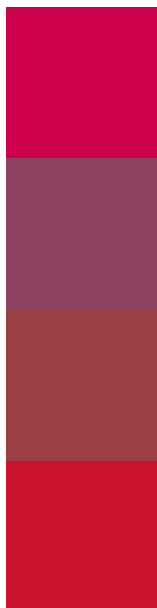
14.1447, 13.9433, 7.1001



Tritanopia

25.3025, 13.7089, 2.4111

Trichromacy



Original Color

26.1718, 13.3454, 7.8531

Protanomaly

15.0904, 10.4222, 12.5256

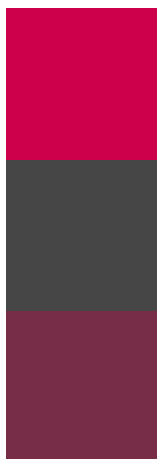
Deuteranomaly

16.2340, 10.9665, 6.8913

Tritanomaly

25.3351, 13.3517, 3.7245

Monochromacy



Original Color

26.1718, 13.3454, 7.8531

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.7158, 6.2666, 6.8284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1718, 13.3454, 7.8531 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, 75)` looks like.

```
.text, #text, p{  
  color:rgb(204, 0, 75)  
}
```

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, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 75) }
```

Border

The CSS property to change the border of an element to XYZ 26.1718, 13.3454, 7.8531 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, 75) }
```


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

```
.border{ border-color:rgb(204, 0, 75) }
```

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, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 75);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 75)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.1718, 13.3454, 7.8531 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, 75) }
```

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

```
.background{ background-color: rgb(204, 0,  
75) }
```

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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