

Converting Colors

XYZ(26.7644, 13.6638, 7.2957)

Have a look what the booklet for
XYZ(26.7644, 13.6638, 7.2957)
contains.

XYZ(26.9018, 13.7333, 7.3638)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9018, 13.7333,
7.3638)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0048
RGB	207, 0, 72
RGB Percent	81%, 0%, 28%
CMY	0.1882, 0.9998, 0.7176
CMYK	0.00, 1.00, 0.65, 0.19
HSL	339°, 100%, 41%
HSV	339°, 100%, 81%
XYZ	26.9018, 13.7333, 7.3638
YIQ	70.1010, 100.2600, 66.2760

Conversions

Conversions Part 2

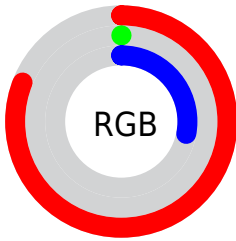
Format	Color
R_{YB}	207, 0, 72
Decimal	13566024
CIE Lab	43.85, 70.32, 21.70
CIE LCh	44, 73.592, 17.151
Yxy	13.7333, 0.5605, 0.2861
Android (android.graphics.Color)	4291756104 (0xFFCF0048)
YUV	70.1010, 0.9362, 120.0604
Hunter-Lab	37.0585, 64.7259, 14.1596

Details

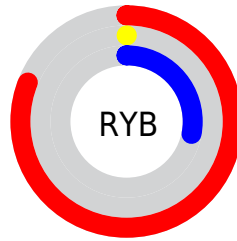
The XYZ color **26.9018, 13.7333, 7.3638** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **26.6895, 46.3761, 30.4828**, and the grayscale version is **5.8292, 6.1327, 6.6785**.

A 20% lighter version of the original color is **48.0384, 29.4325, 20.9184**, and **11.7359, 6.0230, 1.7723** is the 20% darker color. If you saturate the color by 10%, you get **26.9007, 13.7328, 7.3588**, and if you desaturate by 10%, it is **27.6552, 14.4562, 10.0322**.

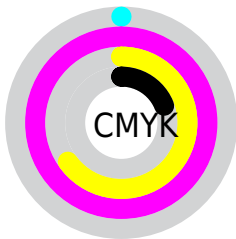
Distribution



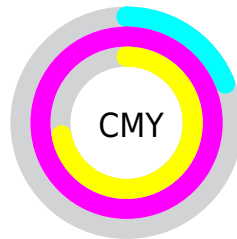
- Red (81%)
- Green (0%)
- Blue (28%)



- Red (81%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9018, 13.7333, 7.3638 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 26.9018, 13.7333, 7.3638 by changing the saturation by 10% instead.

 26.9018, 13.7333,
7.3638


 26.9018, 13.7333,
7.3638


279.3576,
215.5653, 180.3973


 17.6357, 7.9354,
3.6088


 54.1472, 32.6151,
21.2266


 10.7869, 4.0536,
1.4133


 72.8573, 46.4677,
32.1715

 5.9899, 1.7036,
0.1520


 95.4460, 63.7741,
46.3501

 2.8796, 0.4260,
0.0000

 122.2788, 84.9185,
64.1809

 1.0904, 0.0000,
0.0000

 153.7210,
110.2855, 86.0825

 0.0171, 0.0000,
0.0000

 190.1380,

 0.0000, 0.0000,

140.2593, 112.4734

0.0000

231.8950,
175.2245, 143.7721

■ 26.9018, 13.7333,
7.3638

■ 26.9018, 13.7333,
7.3638

■ 26.9007, 13.7328,
7.3588

■ 27.6552, 14.4562,
10.0322

■ 28.7928, 15.7831,
13.3348

■ 30.4155, 17.9075,
17.3316

■ 32.5800, 20.9347,
22.0663

■ 35.3344, 24.9537,
27.5779

■ 38.7215, 30.0425,
33.9024

■ 42.7796, 36.2715,
41.0734

■ 47.5442, 43.7049,
49.1223

■ 53.0479, 52.4022,
58.0789

Harmonies

Analogous

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



27.2548, 13.7333, 23.2563



26.9018, 13.7333, 7.3638



22.2196, 13.7333, 1.6242

Triad

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



26.9018, 13.7333, 7.3638



6.4565, 13.7333, 2.0422



10.7230, 13.7333, 72.8622

Complementary

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



26.9018, 13.7333, 7.3638



26.6895, 46.3761, 30.4828

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.



6.8344, 13.7333, 52.8115



26.9018, 13.7333, 7.3638



4.9100, 13.7333, 8.9071

Square

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



26.9018, 13.7333, 7.3638



10.0282, 13.7333, 0.3692



5.0240, 13.7333, 26.5110



16.6323, 13.7333, 71.0904

Rectangle

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



26.9018, 13.7333, 7.3638



17.8893, 13.7333, 0.5441



5.0240, 13.7333, 26.5110



9.1780, 13.7333, 68.0587

Sweetspot

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



26.9021, 13.7342, 7.3640



68.2914, 57.7126, 65.3600



21.1848, 9.6208, 59.7715



13.9981, 11.3985, 12.9087



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.



26.9021, 13.7342, 7.3640



43.0289, 21.9756, 11.3504



26.2245, 14.2500, 1.3696



11.9760, 11.8751, 13.1495



16.9893, 8.6686, 4.8499



0.9870, 0.4995, 0.4665

Inverse Universe

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



26.9021, 13.7342, 7.3640



43.0289, 21.9756, 11.3504



26.7797, 35.5387, 64.4792



11.9760, 11.8751, 13.1495



16.9893, 8.6686, 4.8499



0.9870, 0.4995, 0.4665

Previews

White Background



This preview shows how the XYZ color 26.9018, 13.7333, 7.3638 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 26.9018, 13.7333, 7.3638

Background



This preview shows how black text looks on a background with the XYZ color 26.9018, 13.7333, 7.3638.



This preview shows how white text looks on a background with the XYZ color 26.9018, 13.7333,

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

26.9018, 13.7333, 7.3638

Protanopia

13.8374, 14.3319, 15.6727

Deuteranopia

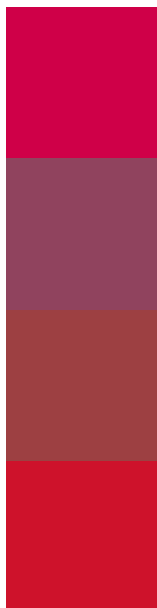
14.6041, 14.3334, 6.6995



Tritanopia

26.0794, 14.0751, 2.3195

Trichromacy



Original Color

26.9018, 13.7333, 7.3638

Protanomaly

15.5291, 10.7518, 11.8465

Deuteranomaly

16.7214, 11.2282, 6.4402

Tritanomaly

26.1060, 13.7288, 3.5595

Monochromacy



Original Color

26.9018, 13.7333, 7.3638

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.8214, 6.3248, 6.6644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9018, 13.7333, 7.3638 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(207, 0, 72)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 72)  
}
```

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(207, 0, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 72) }
```

Border

The CSS property to change the border of an element to XYZ 26.9018, 13.7333, 7.3638 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(207, 0, 72) }
```


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

```
.border{ border-color:rgb(207, 0, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 0, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 72);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 72)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.9018, 13.7333, 7.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 72) }
```

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

```
.background{ background-color: rgb(207, 0,  
72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor