

Converting Colors

XYZ(26.7425, 13.6550, 7.1801)

Have a look what the booklet for
XYZ(26.7425, 13.6550, 7.1801)
contains.

XYZ(26.8695, 13.7203, 7.1933)	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(26.8695, 13.7203,
7.1933)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0047
RGB	207, 0, 71
RGB Percent	81%, 0%, 28%
CMY	0.1882, 0.9998, 0.7216
CMYK	0.00, 1.00, 0.66, 0.19
HSL	339°, 100%, 41%
HSV	339°, 100%, 81%
XYZ	26.8695, 13.7203, 7.1933
YIQ	69.9870, 100.5810, 65.9650

Conversions

Conversions Part 2

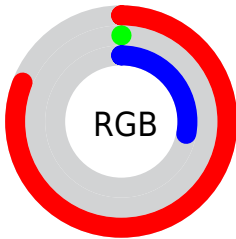
Format	Color
R_{YB}	207, 0, 71
Decimal	13566023
CIE Lab	43.83, 70.27, 22.30
CIE LCh	44, 73.724, 17.609
Yxy	13.7203, 0.5623, 0.2871
Android (android.graphics.Color)	4291756103 (0xFFCF0047)
YUV	69.9870, 0.4994, 120.1604
Hunter-Lab	37.0409, 64.6624, 14.4146

Details

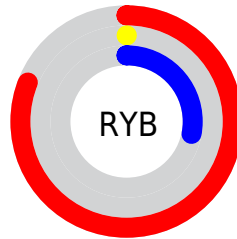
The XYZ color **26.8695, 13.7203, 7.1933** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **26.7600, 46.4045, 30.8538**, and the grayscale version is **5.8104, 6.1129, 6.6570**.

A 20% lighter version of the original color is **47.9780, 29.4083, 20.6004**, and **11.7234, 6.0180, 1.7061** is the 20% darker color. If you saturate the color by 10%, you get **26.8686, 13.7200, 7.1889**, and if you desaturate by 10%, it is **27.6194, 14.4418, 9.8436**.

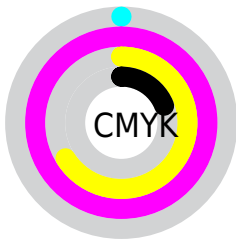
Distribution



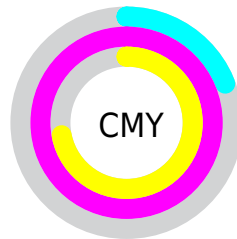
- Red (81%)
- Green (0%)
- Blue (28%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (19%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8695, 13.7203, 7.1933 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 26.8695, 13.7203, 7.1933 by changing the saturation by 10% instead.

 26.8695, 13.7203,
7.1933


 26.8695, 13.7203,
7.1933


279.2038,
215.4838, 178.9518


 17.6113, 7.9264,
3.5030


 54.0958, 32.5919,
20.8805


 10.7693, 4.0479,
1.3569


 72.7945, 46.4384,
31.7145


 5.9781, 1.7004,
0.1077


 95.3709, 63.7379,
45.7668

 2.8723, 0.4239,
0.0000

 122.1902, 84.8747,
63.4559

 1.0866, 0.0000,
0.0000

 153.6178,
110.2334, 85.2004

 0.0138, 0.0000,
0.0000

 190.0190,

 0.0000, 0.0000,

140.1981, 111.4189

0.0000

231.7592,
175.1535, 142.5298

■ 26.8695, 13.7203,
7.1933

■ 26.8695, 13.7203,
7.1933

■ 26.8686, 13.7200,
7.1889

■ 27.6194, 14.4418,
9.8436

■ 28.7546, 15.7675,
13.1340

■ 30.3762, 17.8914,
17.1256

■ 32.5410, 20.9185,
21.8623

■ 35.2973, 24.9380,
27.3842

■ 38.6878, 30.0280,
33.7277

■ 42.7512, 36.2588,
40.9268

■ 47.5228, 43.6949,
49.0135

■ 53.0355, 52.3955,
58.0180

Harmonies

Analogous

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



27.2984, 13.7203, 22.9205



26.8695, 13.7203, 7.1933



22.1277, 13.7203, 1.5724

Triad

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



26.8695, 13.7203, 7.1933



6.4018, 13.7203, 2.0783



10.7850, 13.7203, 73.1434

Complementary

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



26.8695, 13.7203, 7.1933



26.7600, 46.4045, 30.8538

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.



6.8604, 13.7203, 53.2798



26.8695, 13.7203, 7.1933



4.8833, 13.7203, 9.0659

Square

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



26.8695, 13.7203, 7.1933



9.9415, 13.7203, 0.3704



5.0214, 13.7203, 26.8748



16.7252, 13.7203, 70.9889

Rectangle

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



26.8695, 13.7203, 7.1933



17.7819, 13.7203, 0.5175



5.0214, 13.7203, 26.8748



9.2274, 13.7203, 68.4362

Sweetspot

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



26.8698, 13.7212, 7.1935



68.2469, 57.6949, 65.1258



21.1845, 9.6206, 59.7717



13.9877, 11.3943, 12.8541



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.



26.8698, 13.7212, 7.1935



42.9780, 21.9552, 11.0822



26.2245, 14.2498, 1.3694



11.9736, 11.8742, 13.1370



16.9686, 8.6603, 4.7410



0.9857, 0.4990, 0.4594

Inverse Universe

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



26.8698, 13.7212, 7.1935



42.9780, 21.9552, 11.0822



26.7796, 35.5386, 64.4795



11.9736, 11.8742, 13.1370



16.9686, 8.6603, 4.7410



0.9857, 0.4990, 0.4594

Previews

White Background



This preview shows how the XYZ color 26.8695, 13.7203, 7.1933 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 26.8695, 13.7203, 7.1933

Background



This preview shows how black text looks on a background with the XYZ color 26.8695, 13.7203, 7.1933.



This preview shows how white text looks on a background with the XYZ color 26.8695, 13.7203,

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

26.8695, 13.7203, 7.1933

Protanopia

13.7346, 14.2908, 15.1312

Deuteranopia

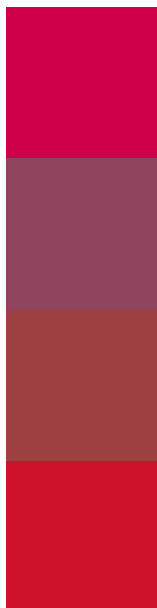
14.5764, 14.3223, 6.5536



Tritanopia

26.0684, 14.0707, 2.2617

Trichromacy



Original Color

26.8695, 13.7203, 7.1933

Protanomaly

15.4405, 10.7163, 11.3799

Deuteranomaly

16.6922, 11.2165, 6.2863

Tritanomaly

26.0878, 13.7216, 3.4640

Monochromacy



Original Color

26.8695, 13.7203, 7.1933

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.7896, 6.3120, 6.4967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8695, 13.7203, 7.1933 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, 71)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 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(207, 0, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 71) }
```

Border

The CSS property to change the border of an element to XYZ 26.8695, 13.7203, 7.1933 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, 71) }
```


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

```
.border{ border-color:rgb(207, 0, 71) }
```

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, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 71);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 71)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.8695, 13.7203, 7.1933 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, 71) }
```

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

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