

Converting Colors

XYZ(26.7103, 13.8834, 2.8183)

Have a look what the booklet for
XYZ(26.7103, 13.8834, 2.8183)
contains.

XYZ(26.6809, 13.8662, 2.7836)	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(26.6809, 13.8662,
2.7836)**

Conversions

Conversions Part 1

Format	Color
Hex	D10922
RGB	209, 9, 34
RGB Percent	82%, 4%, 13%
CMY	0.1804, 0.9645, 0.8667
CMYK	0.00, 0.96, 0.84, 0.18
HSL	353°, 92%, 43%
HSV	353°, 96%, 82%
XYZ	26.6809, 13.8662, 2.7836
YIQ	71.6500, 111.1750, 50.1750

Conversions

Conversions Part 2

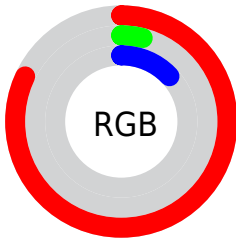
Format	Color
RYB	209, 9, 34
Decimal	13699362
CIELab	44.04, 68.59, 44.60
CIELCh	44, 81.815, 33.034
Yxy	13.8662, 0.6158, 0.3200
Android (android.graphics.Color)	4291889442 (0xFFD10922)
YUV	71.6500, -18.5615, 120.4560
Hunter-Lab	37.2373, 62.7315, 21.6340

Details

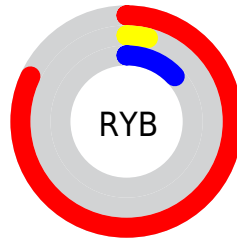
The XYZ color **26.6809, 13.8662, 2.7836** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **31.5700, 49.1215, 53.1901**, and the grayscale version is **6.1214, 6.4402, 7.0134**.

A 20% lighter version of the original color is **46.2603, 28.9839, 10.7457**, and **11.6771, 6.0197, 0.5465** is the 20% darker color. If you saturate the color by 10%, you get **26.4816, 13.6301, 2.2173**, and if you desaturate by 10%, it is **27.3836, 14.7316, 4.6837**.

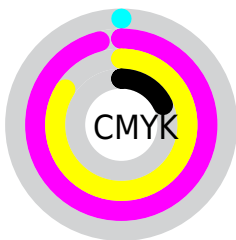
Distribution



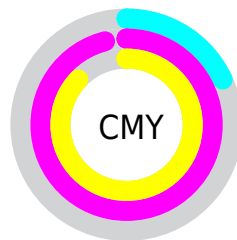
- Red (82%)
- Green (4%)
- Blue (13%)



- Red (82%)
- Yellow (4%)
- Blue (13%)



- Cyan (0%)
- Magenta (96%)
- Yellow (84%)
- Black (18%)





- Cyan (18%)
- Magenta (96%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6809, 13.8662, 2.7836 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 26.6809, 13.8662, 2.7836 by changing the saturation by 10% instead.

 26.6809, 13.8662,
2.7836


 26.6809, 13.8662,
2.7836


278.3046,
216.3969, 133.5549


 17.4691, 8.0277,
0.9852


 53.7949, 32.8514,
11.0896


 10.6669, 4.1127,
0.0000


 72.4278, 46.7669,
18.4344


 5.9089, 1.7368,
0.0000

 94.9317, 64.1435,
28.4650

 2.8299, 0.4473,
0.0000

 121.6720, 85.3656,
41.6000


 1.0645, 0.0000,
0.0000


 153.0141,
110.8176, 58.2579


 0.0000, 0.0000,
0.0000


 189.3233,


140.8839, 78.8574


 230.9650,
175.9488, 103.8168


 26.6809, 13.8662,
2.7836


 26.6809, 13.8662,
2.7836


 26.4816, 13.6301,
2.2173

 27.3836, 14.7316,
4.6837

 28.5954, 16.3591,
7.5420

 30.3933, 18.8765,
11.4655

 32.8404, 22.3871,
16.5464

 35.9917, 26.9803,
22.8669

■ 39.8963, 32.7352,
30.5016

■ 44.5988, 39.7236,
39.5190

■ 50.1403, 48.0116,
49.9832

■ 56.5592, 57.6605,
61.9539

Harmonies

Analogous

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



30.0165, 13.8662, 13.2813



26.6809, 13.8662, 2.7836



19.6988, 13.8662, 0.2106

Triad

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



26.6809, 13.8662, 2.7836



4.8831, 13.8662, 3.9878



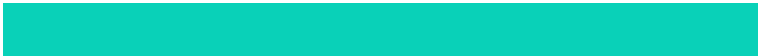
13.8521, 13.8662, 86.4807

Complementary

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



26.6809, 13.8662, 2.7836



31.5700, 49.1215, 53.1901

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.



8.2851, 13.8662, 74.7554



26.6809, 13.8662, 2.7836



4.2233, 13.8662, 17.0731

Square

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



26.6809, 13.8662, 2.7836



7.4723, 13.8662, 0.5134



5.2324, 13.8662, 44.2279



21.2351, 13.8662, 69.3850

Rectangle

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



26.6809, 13.8662, 2.7836



14.7542, 13.8662, 0.0000



5.2324, 13.8662, 44.2279



11.7209, 13.8662, 85.7972

Sweetspot

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



26.6812, 13.8671, 2.7838



67.0988, 58.0580, 56.5449



30.9783, 14.7862, 61.5423



13.6907, 11.4299, 10.8139



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.



26.6812, 13.8671, 2.7838



41.4983, 21.3633, 3.2903



29.3886, 19.6645, 2.5065



11.8679, 11.8319, 12.5803



16.3478, 8.4120, 1.4717



0.9344, 0.4785, 0.1893

Inverse Universe

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



26.6812, 13.8671, 2.7838



41.4983, 21.3633, 3.2903



20.3814, 22.1811, 63.5282



11.8679, 11.8319, 12.5803



16.3478, 8.4120, 1.4717



0.9344, 0.4785, 0.1893

Previews

White Background



This preview shows how the XYZ color 26.6809, 13.8662, 2.7836 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 26.6809, 13.8662, 2.7836

Background



This preview shows how black text looks on a background with the XYZ color 26.6809, 13.8662, 2.7836.



This preview shows how white text looks on a background with the XYZ color 26.6809, 13.8662,

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

26.6809, 13.8662, 2.7836

Protanopia

13.1797, 14.3658, 5.6927

Deuteranopia

14.4380, 14.2024, 2.2388



Tritanopia

26.2287, 13.8425, 1.2895

Trichromacy



Original Color

26.6809, 13.8662, 2.7836

Protanomaly

15.3440, 11.1957, 4.0416

Deuteranomaly

16.8143, 11.6350, 1.9318

Tritanomaly

26.2496, 13.7781, 1.6238

Monochromacy



Original Color

26.6809, 13.8662, 2.7836

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

9.8881, 6.6397, 4.7634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6809, 13.8662, 2.7836 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(209, 9, 34)` looks like.

```
.text, #text, p{  
    color:rgb(209, 9, 34)  
}
```

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(209, 9, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 9, 34) }
```

Border

The CSS property to change the border of an element to XYZ 26.6809, 13.8662, 2.7836 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(209, 9, 34) }
```


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

```
.border{ border-color:rgb(209, 9, 34) }
```

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

Here you see how a box with a 4 pixel rgb(209, 9, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 9, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 9, 34);  
box-shadow:4px 4px 4px 4px rgb(209, 9, 34)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.6809, 13.8662, 2.7836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 9, 34) }
```

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

```
.background{ background-color: rgb(209, 9,  
34) }
```

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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