

Converting Colors

XYZ(25.8836, 13.3115, 2.6570)

Have a look what the booklet for
XYZ(25.8836, 13.3115, 2.6570)
contains.

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Color

**XYZ(26.0066, 13.3752,
2.6498)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0021
RGB	207, 0, 33
RGB Percent	81%, 0%, 13%
CMY	0.1882, 0.9998, 0.8706
CMYK	0.00, 1.00, 0.84, 0.19
HSL	350°, 100%, 41%
HSV	350°, 100%, 81%
XYZ	26.0066, 13.3752, 2.6498
YIQ	65.6550, 112.7790, 54.1470

Conversions

Conversions Part 2

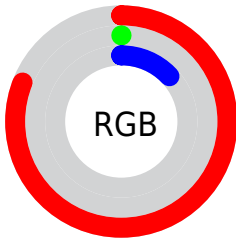
Format	Color
RYB	207, 0, 33
Decimal	13565985
CIELab	43.32, 68.90, 44.32
CIELCh	43, 81.924, 32.754
Yxy	13.3752, 0.6187, 0.3182
Android (android.graphics.Color)	4291756065 (0xFFCF0021)
YUV	65.6550, -16.0989, 123.9596
Hunter-Lab	36.5721, 62.9309, 21.3047

Details

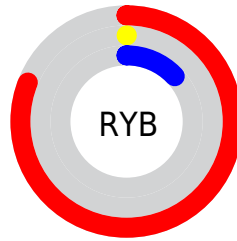
The XYZ color **26.0066, 13.3752, 2.6498** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **29.9575, 47.6832, 47.6918**, and the grayscale version is **5.1406, 5.4083, 5.8897**.

A 20% lighter version of the original color is **45.9791, 28.4801, 10.4710**, and **11.3277, 5.8396, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **26.0059, 13.3749, 2.6470**, and if you desaturate by 10%, it is **26.5799, 14.0261, 4.3699**.

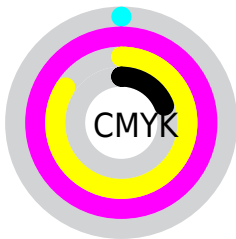
Distribution



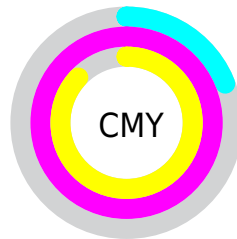
- Red (81%)
- Green (0%)
- Blue (13%)



- Red (81%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0066, 13.3752, 2.6498 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 26.0066, 13.3752, 2.6498 by changing the saturation by 10% instead.


 26.0066, 13.3752,
2.6498

 26.0066, 13.3752,
2.6498


275.0706,
213.3085, 131.7671


 16.9613, 7.6874,
0.9180


 52.7168, 31.9762,
10.7513


 10.3020, 3.8956,
0.0000


 71.1124, 45.6582,
17.9589

 5.6635, 1.6153,
0.0000

 93.3555, 62.7738,
27.8290

 2.6802, 0.3679,
0.0000

 119.8114, 83.7073,
40.7802

 0.9870, 0.0000,
0.0000

 150.8456,
108.8431, 57.2311

 0.0000, 0.0000,
0.0000

 186.8232,

138.5657, 77.6002

■ 228.1098,
173.2593, 102.3060

■ 26.0066, 13.3752,
2.6498

■ 26.0066, 13.3752,
2.6498

■ 26.0059, 13.3749,
2.6470

■ 26.5799, 14.0261,
4.3699

■ 27.5778, 15.2971,
6.9372

■ 29.1105, 17.3855,
10.4599

■ 31.2422, 20.3996,
15.0217

■ 34.0278, 24.4310,
20.6974

■ 37.5160, 29.5603,
27.5545

■ 41.7506, 35.8599,
35.6550

■ 46.7720, 43.3960,
45.0566

■ 52.6177, 52.2301,
55.8136

Harmonies

Analogous

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



29.2401, 13.3752, 12.9460



26.0066, 13.3752, 2.6498



19.1675, 13.3752, 0.1301

Triad

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



26.0066, 13.3752, 2.6498



4.6500, 13.3752, 3.6991



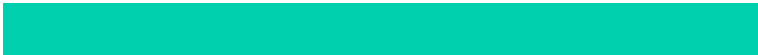
13.3088, 13.3752, 84.9397

Complementary

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



26.0066, 13.3752, 2.6498



29.9575, 47.6832, 47.6918

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.



7.8991, 13.3752, 73.0882



26.0066, 13.3752, 2.6498



3.9970, 13.3752, 16.3100

Square

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



26.0066, 13.3752, 2.6498



7.1816, 13.3752, 0.4052



4.9567, 13.3752, 42.8858



20.5357, 13.3752, 68.2702

Rectangle

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



26.0066, 13.3752, 2.6498



14.3171, 13.3752, 0.0000



4.9567, 13.3752, 42.8858



11.2329, 13.3752, 84.1673

Sweetspot

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



26.0069, 13.3761, 2.6500



66.6290, 57.0477, 56.6064



28.3876, 13.3340, 60.1085



13.6136, 11.2447, 10.8841



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.



26.0069, 13.3761, 2.6500



41.6334, 21.4174, 4.0016



27.8621, 17.5253, 1.9155



11.8844, 11.8385, 12.6671



16.4079, 8.4360, 1.7883



0.9421, 0.4816, 0.2299

Inverse Universe

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



26.0069, 13.3761, 2.6500



41.6334, 21.4174, 4.0016



20.3535, 22.6864, 62.3371



11.8844, 11.8385, 12.6671



16.4079, 8.4360, 1.7883



0.9421, 0.4816, 0.2299

Previews

White Background



This preview shows how the XYZ color 26.0066, 13.3752, 2.6498 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 26.0066, 13.3752, 2.6498

Background



This preview shows how black text looks on a background with the XYZ color 26.0066, 13.3752, 2.6498.



This preview shows how white text looks on a background with the XYZ color 26.0066, 13.3752,

2.6498.

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

26.0066, 13.3752, 2.6498

Protanopia

12.8966, 14.0732, 5.4048

Deuteranopia

13.9995, 13.8380, 2.0480



Tritanopia

25.6865, 13.5876, 1.2688

Trichromacy



Original Color

26.0066, 13.3752, 2.6498

Protanomaly

14.8947, 10.6011, 3.8460

Deuteranomaly

16.1618, 10.9604, 1.7157

Tritanomaly

25.6514, 13.4113, 1.5845

Monochromacy



Original Color

26.0066, 13.3752, 2.6498

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

8.8299, 5.7042, 4.1257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0066, 13.3752, 2.6498 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, 33)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 33)  
}
```

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, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 33) }
```

Border

The CSS property to change the border of an element to XYZ 26.0066, 13.3752, 2.6498 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, 33) }
```


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

```
.border{ border-color:rgb(207, 0, 33) }
```

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, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 33);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 33)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.0066, 13.3752, 2.6498 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, 33) }
```

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

```
.background{ background-color: rgb(207, 0,  
33) }
```

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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