

Converting Colors

XYZ(26.0208, 13.3664, 3.3796)

Have a look what the booklet for
XYZ(26.0208, 13.3664, 3.3796)
contains.

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Color

**XYZ(26.1500, 13.4326,
3.4050)**

Conversions

Conversions Part 1

Format	Color
Hex	CF002A
RGB	207, 0, 42
RGB Percent	81%, 0%, 16%
CMY	0.1882, 0.9998, 0.8353
CMYK	0.00, 1.00, 0.80, 0.19
HSL	348°, 100%, 41%
HSV	348°, 100%, 81%
XYZ	26.1500, 13.4326, 3.4050
YIQ	66.6810, 109.8900, 56.9460

Conversions

Conversions Part 2

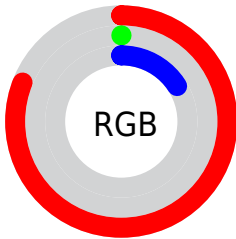
Format	Color
RYB	207, 0, 42
Decimal	13565994
CIELab	43.41, 69.13, 39.42
CIElCh	43, 79.577, 29.691
Yxy	13.4326, 0.6083, 0.3125
Android (android.graphics.Color)	4291756074 (0xFFCF002A)
YUV	66.6810, -12.1677, 123.0598
Hunter-Lab	36.6505, 63.2207, 20.1470

Details

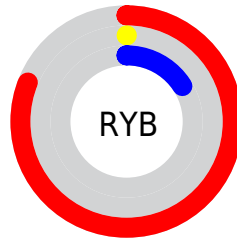
The XYZ color **26.1500, 13.4326, 3.4050** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **29.1089, 47.3438, 43.2233**, and the grayscale version is **5.2952, 5.5710, 6.0668**.

A 20% lighter version of the original color is **46.3292, 28.6202, 12.3149**, and **11.3277, 5.8396, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **26.1491, 13.4322, 3.4014**, and if you desaturate by 10%, it is **26.7720, 14.1030, 5.3817**.

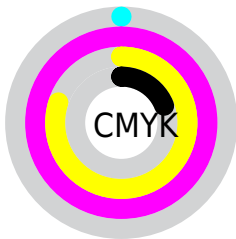
Distribution



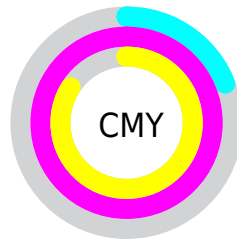
- Red (81%)
- Green (0%)
- Blue (16%)



- Red (81%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (19%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1500, 13.4326, 3.4050 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 26.1500, 13.4326, 3.4050 by changing the saturation by 10% instead.

 26.1500, 13.4326,
3.4050


 26.1500, 13.4326,
3.4050


275.7609,
213.6718, 141.3627


 17.0692, 7.7271,
1.3050


 52.9464, 32.0788,
12.6124


 10.3794, 3.9208,
0.0659


 71.3927, 45.7883,
20.5569


 5.7154, 1.6294,
0.0000

 93.6915, 62.9346,
31.2867

 2.7118, 0.3773,
0.0000

 120.2082, 83.9021,
45.2201

 1.0033, 0.0000,
0.0000

 151.3081,
109.0752, 62.7760

 0.0000, 0.0000,
0.0000

 187.3566,

138.8382, 84.3726

228.7191,
173.5757, 110.4287

■ 26.1500, 13.4326,
3.4050

■ 26.1500, 13.4326,
3.4050

■ 26.1491, 13.4322,
3.4014

■ 26.7720, 14.1030,
5.3817

■ 27.8106, 15.3904,
8.1629

■ 29.3730, 17.4907,
11.8415

■ 31.5210, 20.5114,
16.4893

■ 34.3077, 24.5433,
22.1704

■ 37.7799, 29.6663,
28.9430

■ 41.9800, 35.9521,
36.8611

■ 46.9468, 43.4666,
45.9751

■ 52.7166, 52.2704,
56.3321

Harmonies

Analogous

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



28.7520, 13.4326, 14.8103



26.1500, 13.4326, 3.4050



19.7655, 13.4326, 0.4293

Triad

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



26.1500, 13.4326, 3.4050



5.0017, 13.4326, 3.2860



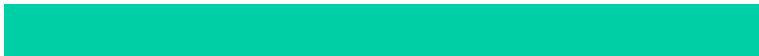
12.7033, 13.4326, 82.0557

Complementary

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



26.1500, 13.4326, 3.4050



29.1089, 47.3438, 43.2233

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.



7.6532, 13.4326, 68.2075



26.1500, 13.4326, 3.4050



4.1803, 13.4326, 14.4429

Square

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



26.1500, 13.4326, 3.4050



7.7325, 13.4326, 0.3994



4.9674, 13.4326, 38.8423



19.6172, 13.4326, 68.7215

Rectangle

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



26.1500, 13.4326, 3.4050



15.0180, 13.4326, 0.0000



4.9674, 13.4326, 38.8423



10.7535, 13.4326, 80.3321

Sweetspot

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



26.1503, 13.4335, 3.4052



66.9986, 57.1955, 58.5523



26.1956, 12.2041, 60.0058



13.6985, 11.2786, 11.3310



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.



26.1503, 13.4335, 3.4052



41.8529, 21.5052, 5.1577



27.2799, 16.3609, 1.7215



11.9053, 11.8469, 12.7774



16.5028, 8.4740, 2.2881



0.9518, 0.4854, 0.2810

Inverse Universe

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



26.1503, 13.4335, 3.4052



41.8529, 21.5052, 5.1577



21.9099, 25.7990, 62.8558



11.9053, 11.8469, 12.7774



16.5028, 8.4740, 2.2881



0.9518, 0.4854, 0.2810

Previews

White Background



This preview shows how the XYZ color 26.1500, 13.4326, 3.4050 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 26.1500, 13.4326, 3.4050

Background



This preview shows how black text looks on a background with the XYZ color 26.1500, 13.4326, 3.4050.



This preview shows how white text looks on a background with the XYZ color 26.1500, 13.4326,

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

26.1500, 13.4326, 3.4050

Protanopia

12.9451, 14.0622, 7.0330

Deuteranopia

14.2707, 14.0990, 3.0061



Tritanopia

25.6699, 13.5544, 1.2633

Trichromacy



Original Color

26.1500, 13.4326, 3.4050

Protanomaly

14.9584, 10.6056, 5.1296

Deuteranomaly

16.3922, 11.1420, 2.6532

Tritanomaly

25.6595, 13.3956, 1.6851

Monochromacy



Original Color

26.1500, 13.4326, 3.4050

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

9.0988, 5.8848, 4.6593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1500, 13.4326, 3.4050 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, 42)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 42)  
}
```

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, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 42) }
```

Border

The CSS property to change the border of an element to XYZ 26.1500, 13.4326, 3.4050 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, 42) }
```


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

```
.border{ border-color:rgb(207, 0, 42) }
```

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, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 42);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 42)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.1500, 13.4326, 3.4050 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, 42) }
```

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

```
.background{ background-color: rgb(207, 0,  
42) }
```

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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