

Converting Colors

XYZ(24.5762, 10.5260, 3.6957)

Have a look what the booklet for
XYZ(24.5762, 10.5260, 3.6957)
contains.

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Color

**XYZ(26.0080, 13.3436,
4.1105)**

Conversions

Conversions Part 1

Format	Color
Hex	CE0031
RGB	206, 0, 49
RGB Percent	81%, 0%, 19%
CMY	0.1922, 0.9998, 0.8078
CMYK	0.00, 1.00, 0.76, 0.19
HSL	346°, 100%, 40%
HSV	346°, 100%, 81%
XYZ	26.0080, 13.3436, 4.1105
YIQ	67.1800, 107.0470, 58.9110

Conversions

Conversions Part 2

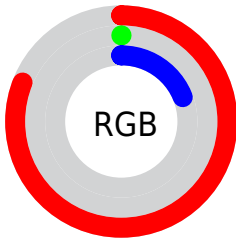
Format	Color
RYB	206, 0, 49
Decimal	13500465
CIELab	43.28, 69.11, 35.11
CIELCh	43, 77.513, 26.932
Yxy	13.3436, 0.5984, 0.3070
Android (android.graphics.Color)	4291690545 (0xFFCE0031)
YUV	67.1800, -8.9627, 121.7451
Hunter-Lab	36.5289, 63.1636, 18.8985

Details

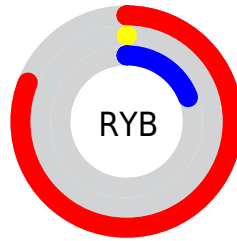
The XYZ color **26.0080, 13.3436, 4.1105** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **28.1613, 46.5784, 39.4243**, and the grayscale version is **5.3692, 5.6489, 6.1516**.

A 20% lighter version of the original color is **46.6333, 28.7418, 13.9163**, and **11.1827, 5.7617, 0.6663** is the 20% darker color. If you saturate the color by 10%, you get **26.0071, 13.3432, 4.1067**, and if you desaturate by 10%, it is **26.6607, 14.0233, 6.2577**.

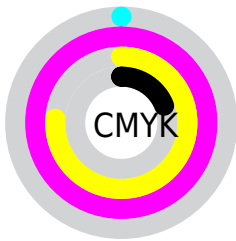
Distribution



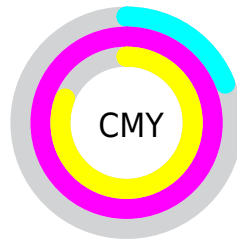
- Red (81%)
- Green (0%)
- Blue (19%)



- Red (81%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0080, 13.3436, 4.1105 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 26.0080, 13.3436, 4.1105 by changing the saturation by 10% instead.


 26.0080, 13.3436,
4.1105


 26.0080, 13.3436,
4.1105


275.0773,
213.1082, 149.4458


 16.9623, 7.6656,
1.6862


 52.7191, 31.9197,
14.2638


 10.3028, 3.8817,
0.3512


 71.1152, 45.5866,
22.8299

 5.6640, 1.6076,
0.0000

 93.3588, 62.6852,
34.2802

 2.6806, 0.3627,
0.0000

 119.8153, 83.5999,
49.0335

 0.9872, 0.0000,
0.0000

 150.8501,
108.7152, 67.5081

 0.0000, 0.0000,
0.0000

 186.8284,

138.4154, 90.1227

228.1157,
173.0849, 117.2957

■ 26.0080, 13.3436,
4.1105

■ 26.0080, 13.3436,
4.1105

■ 26.0071, 13.3432,
4.1067

■ 26.6607, 14.0233,
6.2577

■ 27.7179, 15.3098,
9.1626

■ 29.2840, 17.3967,
12.9074

■ 31.4186, 20.3893,
17.5544

■ 34.1726, 24.3769,
23.1598

■ 37.5912, 29.4379,
29.7749

■ 41.7151, 35.6429,
37.4472

■ 46.5817, 43.0564,
46.2211

■ 52.2259, 51.7380,
56.1385

Harmonies

Analogous

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



28.0534, 13.3436, 16.3710



26.0080, 13.3436, 4.1105



20.0809, 13.3436, 0.6751

Triad

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



26.0080, 13.3436, 4.1105



5.2604, 13.3436, 2.9262



12.0749, 13.3436, 78.8512

Complementary

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



26.0080, 13.3436, 4.1105



28.1613, 46.5784, 39.4243

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.



7.3696, 13.3436, 63.5705



26.0080, 13.3436, 4.1105



4.2956, 13.3436, 12.8305

Square

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



26.0080, 13.3436, 4.1105



8.1400, 13.3436, 0.3851



4.9242, 13.3436, 35.2344



18.6621, 13.3436, 68.4220

Rectangle

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



26.0080, 13.3436, 4.1105



15.4757, 13.3436, 0.0000



4.9242, 13.3436, 35.2344



10.2477, 13.3436, 76.3798

Sweetspot

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



26.0083, 13.3444, 4.1107



67.3019, 57.3169, 60.1497



24.5648, 11.3774, 59.2935



13.7684, 11.3066, 11.6993



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.



26.0083, 13.3444, 4.1107



42.0719, 21.5928, 6.3108



26.6609, 15.5364, 1.5949



11.3198, 11.2567, 12.2187



16.0464, 8.2291, 2.6969



0.8584, 0.4368, 0.3001

Inverse Universe

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



26.0083, 13.3444, 4.1107



42.0719, 21.5928, 6.3108



22.7811, 27.7367, 62.5451



11.3198, 11.2567, 12.2187



16.0464, 8.2291, 2.6969



0.8584, 0.4368, 0.3001

Previews

White Background



This preview shows how the XYZ color 26.0080, 13.3436, 4.1105 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



This preview shows how the XYZ color 26.0080, 13.3436, 4.1105 looks on a 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 26.0080, 13.3436, 4.1105

Background



This preview shows how black text looks on a background with the XYZ color 26.0080, 13.3436, 4.1105.



This preview shows how white text looks on a background with the XYZ color 26.0080, 13.3436,

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

26.0080, 13.3436, 4.1105

Protanopia

12.9964, 13.9058, 8.4777

Deuteranopia

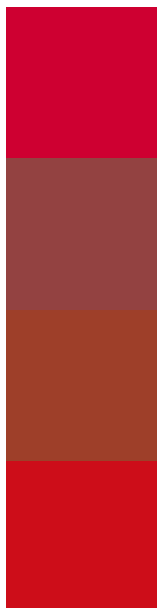
14.1558, 13.8825, 3.6838



Tritanopia

25.4934, 13.5060, 1.6111

Trichromacy



Original Color

26.0080, 13.3436, 4.1105

Protanomaly

14.9350, 10.4811, 6.2369

Deuteranomaly

16.2783, 10.9842, 3.3600

Tritanomaly

25.4962, 13.3372, 2.1502

Monochromacy



Original Color

26.0080, 13.3436, 4.1105

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

9.1507, 5.9056, 4.9326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0080, 13.3436, 4.1105 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(206, 0, 49)` looks like.

```
.text, #text, p{  
    color:rgb(206, 0, 49)  
}
```

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(206, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 0, 49) }
```

Border

The CSS property to change the border of an element to XYZ 26.0080, 13.3436, 4.1105 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(206, 0, 49) }
```


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

```
.border{ border-color:rgb(206, 0, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 0, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 0, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 0, 49);  
box-shadow:4px 4px 4px 4px rgb(206, 0, 49)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.0080, 13.3436, 4.1105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 0, 49) }
```

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

```
.background{ background-color: rgb(206, 0,  
49) }
```

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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