

Converting Colors

XYZ(26.0203, 13.6692, 3.1865)

Have a look what the booklet for
XYZ(26.0203, 13.6692, 3.1865)
contains.

XYZ(26.0203, 13.6692, 3.1865)	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(26.0203, 13.6692,
3.1865)**

Conversions

Conversions Part 1

Format	Color
Hex	CE1127
RGB	206, 17, 39
RGB Percent	81%, 7%, 15%
CMY	0.1922, 0.9332, 0.8471
CMYK	0.00, 0.92, 0.81, 0.19
HSL	353°, 85%, 44%
HSV	353°, 92%, 81%
XYZ	26.0203, 13.6692, 3.1865
YIQ	76.0190, 105.5820, 46.9100

Conversions

Conversions Part 2

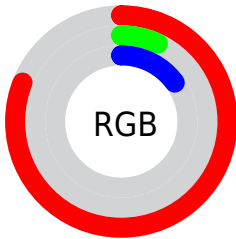
Format	Color
RYB	206, 17, 39
Decimal	13504807
CIELab	43.75, 67.10, 41.39
CIElCh	44, 78.836, 31.671
Yxy	13.6692, 0.6069, 0.3188
Android (android.graphics.Color)	4291694887 (0xFFCE1127)
YUV	76.0190, -18.2504, 113.9933
Hunter-Lab	36.9719, 60.9250, 20.7703

Details

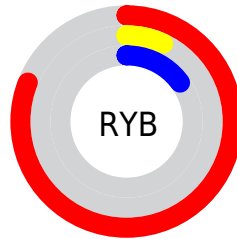
The XYZ color **26.0203, 13.6692, 3.1865** is a dark color, and the websafe version is hex **CC0033**, and the color name is **philippine red**. The color can be described as dark washed red. A complement of this color would be **30.9576, 47.7237, 52.9432**, and the grayscale version is **6.8947, 7.2538, 7.8994**.

A 20% lighter version of the original color is **46.6208, 29.3980, 11.8115**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **25.6178, 13.1875, 2.0567**, and if you desaturate by 10%, it is **26.8785, 14.7819, 5.3344**.

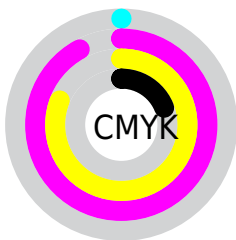
Distribution



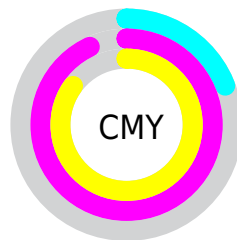
- Red (81%)
- Green (7%)
- Blue (15%)



- Red (81%)
- Yellow (7%)
- Blue (15%)



- Cyan (0%)
- Magenta (92%)
- Yellow (81%)
- Black (19%)





- Cyan (19%)
- Magenta (93%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0203, 13.6692, 3.1865 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 26.0203, 13.6692, 3.1865 by changing the saturation by 10% instead.


 26.0203, 13.6692,
3.1865


 26.0203, 13.6692,
3.1865


275.1366,
215.1631, 138.7016


 16.9716, 7.8910,
1.1906


 52.7388, 32.5009,
12.0853


 10.3094, 4.0252,
0.0000


 71.1392, 46.3232,
19.8253

 5.6684, 1.6877,
0.0000

 93.3876, 63.5955,
30.3170

 2.6833, 0.4157,
0.0000

 119.8494, 84.7024,
43.9791

 0.9886, 0.0000,
0.0000

 150.8898,
110.0282, 61.2301

 0.0000, 0.0000,
0.0000

 186.8742,

139.9574, 82.4885

228.1680,
174.8742, 108.1728

26.0203, 13.6692,
3.1865

26.0203, 13.6692,
3.1865

25.6178, 13.1875,
2.0567

26.8785, 14.7819,
5.3344

28.2623, 16.6848,
8.4614

30.2404, 19.4905,
12.6677

32.8708, 23.2930,
18.0404

36.2045, 28.1743,
24.6580

■ 40.2874, 34.2080,
32.5920

■ 45.1615, 41.4611,
41.9086

■ 50.8656, 49.9956,
52.6692

■ 57.4360, 59.8692,
64.9318

Harmonies

Analogous

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



28.9378, 13.6692, 13.9092



26.0203, 13.6692, 3.1865



19.5155, 13.6692, 0.4226

Triad

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



26.0203, 13.6692, 3.1865



5.0661, 13.6692, 3.8448



13.3431, 13.6692, 81.8190

Complementary

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



26.0203, 13.6692, 3.1865



30.9576, 47.7237, 52.9432

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.



8.1134, 13.6692, 69.7643



26.0203, 13.6692, 3.1865



4.3435, 13.6692, 15.9021

Square

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



26.0203, 13.6692, 3.1865



7.6811, 13.6692, 0.5833



5.2540, 13.6692, 40.9950



20.3165, 13.6692, 67.0110

Rectangle

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



26.0203, 13.6692, 3.1865



14.7981, 13.6692, 0.0000



5.2540, 13.6692, 40.9950



11.3395, 13.6692, 80.7464

Sweetspot

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



26.0206, 13.6701, 3.1867



67.8010, 59.1764, 57.6606



31.0974, 15.0426, 59.6567



13.8202, 11.6389, 11.0112



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.



26.0206, 13.6701, 3.1867



41.4699, 21.3519, 3.1405



29.1664, 20.3853, 2.9291



11.2645, 11.2345, 11.9274



15.7934, 8.1279, 1.3647



0.8329, 0.4266, 0.1661

Inverse Universe

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



26.0206, 13.6701, 3.1867



41.4699, 21.3519, 3.1405



19.8368, 21.5048, 61.4975



11.2645, 11.2345, 11.9274



15.7934, 8.1279, 1.3647



0.8329, 0.4266, 0.1661

Previews

White Background



This preview shows how the XYZ color 26.0203, 13.6692, 3.1865 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 26.0203, 13.6692, 3.1865

Background



This preview shows how black text looks on a background with the XYZ color 26.0203, 13.6692, 3.1865.



This preview shows how white text looks on a background with the XYZ color 26.0203, 13.6692,

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

26.0203, 13.6692, 3.1865

Protanopia

12.9374, 14.0742, 6.3097

Deuteranopia

14.2177, 14.0778, 2.7270



Tritanopia

25.8267, 13.7301, 1.7409

Trichromacy



Original Color

26.0203, 13.6692, 3.1865

Protanomaly

15.2151, 11.3089, 4.6297

Deuteranomaly

16.6978, 11.8351, 2.5029

Tritanomaly

25.8686, 13.6881, 2.1428

Monochromacy



Original Color

26.0203, 13.6692, 3.1865

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

10.4318, 7.3022, 5.5623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0203, 13.6692, 3.1865 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, 17, 39)` looks like.

```
.text, #text, p{  
    color:rgb(206, 17, 39)  
}
```

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, 17, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 17, 39) }
```

Border

The CSS property to change the border of an element to XYZ 26.0203, 13.6692, 3.1865 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, 17, 39) }
```


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

```
.border{ border-color:rgb(206, 17, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 17, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 17, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 17, 39);  
box-shadow:4px 4px 4px 4px rgb(206, 17,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0203, 13.6692, 3.1865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 17, 39) }
```

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

```
.background{ background-color: rgb(206, 17,  
39) }
```

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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