

Converting Colors

XYZ(26.2863, 13.5802, 4.4459)

Have a look what the booklet for
XYZ(26.2863, 13.5802, 4.4459)
contains.

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Color

**XYZ(26.4171, 13.6436,
4.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0634
RGB	207, 6, 52
RGB Percent	81%, 2%, 20%
CMY	0.1882, 0.9763, 0.7961
CMYK	0.00, 0.97, 0.75, 0.19
HSL	346°, 94%, 42%
HSV	346°, 97%, 81%
XYZ	26.4171, 13.6436, 4.4900
YIQ	71.3430, 105.0300, 56.9180

Conversions

Conversions Part 2

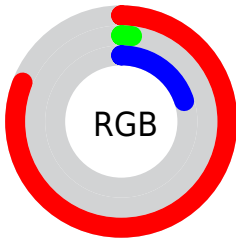
Format	Color
R_{YB}	207, 6, 52
Decimal	13567540
CIE Lab	43.72, 68.90, 33.86
CIE LCh	44, 76.771, 26.174
Yxy	13.6436, 0.5930, 0.3062
Android (android.graphics.Color)	4291757620 (0xFFCF0634)
YUV	71.3430, -9.5361, 118.9712
Hunter-Lab	36.9372, 63.0210, 18.6489

Details

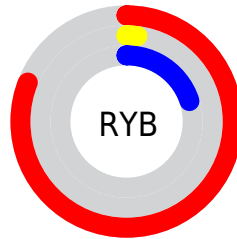
The XYZ color **26.4171, 13.6436, 4.4900** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **28.8252, 47.2391, 41.3371**, and the grayscale version is **6.0546, 6.3699, 6.9368**.

A 20% lighter version of the original color is **46.9343, 29.1213, 14.7025**, and **11.5509, 5.9490, 0.7979** is the 20% darker color. If you saturate the color by 10%, you get **26.2519, 13.4733, 3.9422**, and if you desaturate by 10%, it is **27.1604, 14.4545, 6.8220**.

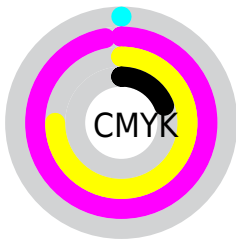
Distribution



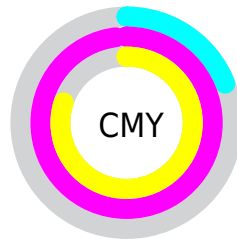
- Red (81%)
- Green (2%)
- Blue (20%)



- Red (81%)
- Yellow (2%)
- Blue (20%)



- Cyan (0%)
- Magenta (97%)
- Yellow (75%)
- Black (19%)





- Cyan (19%)
- Magenta (98%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4171, 13.6436, 4.4900 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 26.4171, 13.6436, 4.4900 by changing the saturation by 10% instead.


 26.4171, 13.6436,
4.4900


 26.4171, 13.6436,
4.4900


277.0429,
215.0022, 153.5253


 17.2703, 7.8732,
1.8978


 53.3736, 32.4553,
15.1249

 10.5239, 4.0139,
0.4913


 71.9139, 46.2654,
24.0048


 5.8126, 1.6814,
0.0000

 94.3162, 63.5242,
35.8176

 2.7710, 0.4115,
0.0000

 120.9456, 84.6160,
50.9820

 1.0339, 0.0000,
0.0000

 152.1677,
109.9254, 69.9164

 0.0000, 0.0000,
0.0000

 188.3477,

139.8366, 93.0393

229.8510,
174.7341, 120.7695

■ 26.4171, 13.6436,
4.4900

■ 26.4171, 13.6436,
4.4900

■ 26.2519, 13.4733,
3.9422

■ 27.1604, 14.4545,
6.8220

■ 28.3639, 15.9731,
9.9619

■ 30.1032, 18.3352,
13.9834

■ 32.4359, 21.6420,
18.9496

■ 35.4121, 25.9804,
24.9176

■ 39.0764, 31.4273,
31.9394

■ 43.4691, 38.0524,
40.0638

■ 48.6275, 45.9193,
49.3360

■ 54.5864, 55.0875,
59.7990

Harmonies

Analogous

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



28.3321, 13.6436, 17.1848



26.4171, 13.6436, 4.4900



20.5586, 13.6436, 0.8109

Triad

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



26.4171, 13.6436, 4.4900



5.5198, 13.6436, 2.9730



12.2090, 13.6436, 78.7966

Complementary

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



26.4171, 13.6436, 4.4900



28.8252, 47.2391, 41.3371

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.



7.5218, 13.6436, 63.0915



26.4171, 13.6436, 4.4900



4.4941, 13.6436, 12.7469

Square

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



26.4171, 13.6436, 4.4900



8.4935, 13.6436, 0.4528



5.0932, 13.6436, 34.8633



18.7889, 13.6436, 69.0865

Rectangle

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



26.4171, 13.6436, 4.4900



15.9429, 13.6436, 0.0579



5.0932, 13.6436, 34.8633



10.3880, 13.6436, 76.1244

Sweetspot

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



26.4174, 13.6445, 4.4902



67.9626, 58.4035, 61.0938



25.8472, 12.1211, 60.0084



13.8901, 11.5097, 11.8641



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.



26.4174, 13.6445, 4.4902



42.0118, 21.5687, 5.9941



27.3617, 16.4719, 1.9109



11.9179, 11.8519, 12.8435



16.5702, 8.5009, 2.6428



0.9576, 0.4878, 0.3116

Inverse Universe

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



26.4174, 13.6445, 4.4902



42.0118, 21.5687, 5.9941



22.7968, 27.4614, 63.1301



11.9179, 11.8519, 12.8435



16.5702, 8.5009, 2.6428



0.9576, 0.4878, 0.3116

Previews

White Background



This preview shows how the XYZ color 26.4171, 13.6436, 4.4900 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 26.4171, 13.6436, 4.4900 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 26.4171, 13.6436, 4.4900

Background



This preview shows how black text looks on a background with the XYZ color 26.4171, 13.6436, 4.4900.



This preview shows how white text looks on a background with the XYZ color 26.4171, 13.6436,

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

26.4171, 13.6436, 4.4900

Protanopia

13.2368, 14.1639, 9.2440

Deuteranopia

14.3002, 14.0928, 3.9740



Tritanopia

25.8267, 13.7301, 1.7409

Trichromacy



Original Color

26.4171, 13.6436, 4.4900

Protanomaly

15.2349, 10.8890, 6.9290

Deuteranomaly

16.7009, 11.4492, 3.7126

Tritanomaly

25.8485, 13.5762, 2.3567

Monochromacy



Original Color

26.4171, 13.6436, 4.4900

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.6877, 6.3963, 5.5745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4171, 13.6436, 4.4900 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, 6, 52)` looks like.

```
.text, #text, p{  
  color:rgb(207, 6, 52)  
}
```

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, 6, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 6, 52) }
```

Border

The CSS property to change the border of an element to XYZ 26.4171, 13.6436, 4.4900 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, 6, 52) }
```


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

```
.border{ border-color:rgb(207, 6, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 6, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 6, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 6, 52);  
box-shadow:4px 4px 4px 4px rgb(207, 6, 52)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.4171, 13.6436, 4.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 6, 52) }
```

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

```
.background{ background-color: rgb(207, 6,  
52) }
```

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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