

Converting Colors

XYZ(26.1538, 13.4196, 4.0802)

Have a look what the booklet for
XYZ(26.1538, 13.4196, 4.0802)
contains.

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Color

**XYZ(26.2865, 13.4871,
4.1236)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0031
RGB	207, 0, 49
RGB Percent	81%, 0%, 19%
CMY	0.1882, 0.9998, 0.8078
CMYK	0.00, 1.00, 0.76, 0.19
HSL	346°, 100%, 41%
HSV	346°, 100%, 81%
XYZ	26.2865, 13.4871, 4.1236
YIQ	67.4790, 107.6430, 59.1230

Conversions

Conversions Part 2

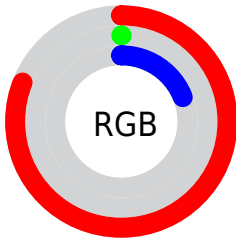
Format	Color
RYB	207, 0, 49
Decimal	13566001
CIELab	43.49, 69.35, 35.40
CIElCh	43, 77.862, 27.044
Yxy	13.4871, 0.5988, 0.3072
Android (android.graphics.Color)	4291756081 (0xFFCF0031)
YUV	67.4790, -9.1101, 122.3599
Hunter-Lab	36.7248, 63.4966, 19.0500

Details

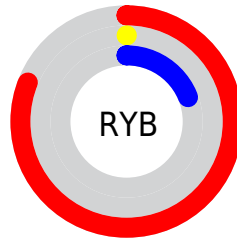
The XYZ color **26.2865, 13.4871, 4.1236** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **28.4882, 47.0956, 39.9545**, and the grayscale version is **5.4166, 5.6987, 6.2059**.

A 20% lighter version of the original color is **46.7138, 28.9026, 13.9431**, and **11.3551, 5.8506, 0.6744** is the 20% darker color. If you saturate the color by 10%, you get **26.2857, 13.4868, 4.1202**, and if you desaturate by 10%, it is **26.9438, 14.1716, 6.2866**.

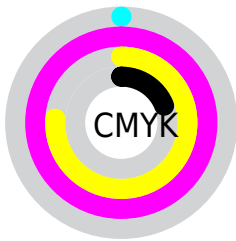
Distribution



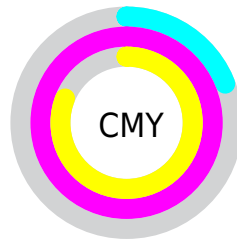
- Red (81%)
- Green (0%)
- Blue (19%)



- 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 26.2865, 13.4871, 4.1236 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 26.2865, 13.4871, 4.1236 by changing the saturation by 10% instead.

■ 26.2865, 13.4871,
4.1236

■ 26.2865, 13.4871,
4.1236

276.4166,
214.0163, 149.5894

■ 17.1719, 7.7648,
1.6934

■ 53.1648, 32.1761,
14.2938

■ 10.4532, 3.9448,
0.3562

■ 71.6592, 45.9117,
22.8709

■ 5.7650, 1.6427,
0.0000

■ 94.0109, 63.0871,
34.3341

■ 2.7420, 0.3862,
0.0000

■ 120.5853, 84.0868,
49.1018

■ 1.0189, 0.0000,
0.0000

■ 151.7477,
109.2952, 67.5927

■ 0.0000, 0.0000,
0.0000

■ 187.8635,

139.0966, 90.2252

229.2980,
173.8755, 117.4179

■ 26.2865, 13.4871,
4.1236

■ 26.2865, 13.4871,
4.1236

■ 26.2857, 13.4868,
4.1202

■ 26.9438, 14.1716,
6.2866

■ 28.0107, 15.4700,
9.2172

■ 29.5925, 17.5780,
12.9987

■ 31.7495, 20.6021,
17.6946

■ 34.5335, 24.6326,
23.3620

■ 37.9900, 29.7491,
30.0528

■ 42.1604, 36.0228,
37.8154

■ 47.0826, 43.5191,
46.6950

■ 52.7917, 52.2983,
56.7338

Harmonies

Analogous

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



28.3754, 13.4871, 16.4781



26.2865, 13.4871, 4.1236



20.2788, 13.4871, 0.6744

Triad

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



26.2865, 13.4871, 4.1236



5.3050, 13.4871, 2.9708



12.2263, 13.4871, 79.8052

Complementary

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



26.2865, 13.4871, 4.1236



28.4882, 47.0956, 39.9545

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.



7.4581, 13.4871, 64.4190



26.2865, 13.4871, 4.1236



4.3360, 13.4871, 13.0272

Square

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



26.2865, 13.4871, 4.1236



8.2088, 13.4871, 0.3937



4.9776, 13.4871, 35.7441



18.8955, 13.4871, 69.1518

Rectangle

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



26.2865, 13.4871, 4.1236



15.6195, 13.4871, 0.0000



4.9776, 13.4871, 35.7441



10.3751, 13.4871, 77.3370

Sweetspot

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



26.2868, 13.4880, 4.1238



67.2920, 57.3129, 60.0977



24.8303, 11.5001, 59.9421



13.7661, 11.3057, 11.6873



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.



26.2868, 13.4880, 4.1238



42.0642, 21.5897, 6.2703



26.9504, 15.7018, 1.6115



11.9217, 11.8534, 12.8636



16.5923, 8.5097, 2.7590



0.9594, 0.4885, 0.3209

Inverse Universe

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



26.2868, 13.4880, 4.1238



42.0642, 21.5897, 6.2703



23.0276, 28.0345, 63.2286



11.9217, 11.8534, 12.8636



16.5923, 8.5097, 2.7590



0.9594, 0.4885, 0.3209

Previews

White Background



This preview shows how the XYZ color 26.2865, 13.4871, 4.1236 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 26.2865, 13.4871, 4.1236

Background



This preview shows how black text looks on a background with the XYZ color 26.2865, 13.4871, 4.1236.



This preview shows how white text looks on a background with the XYZ color 26.2865, 13.4871,

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

26.2865, 13.4871, 4.1236

Protanopia

13.0977, 14.1083, 8.5114

Deuteranopia

14.2512, 14.0732, 3.7155



Tritanopia

25.7642, 13.6463, 1.5927

Trichromacy



Original Color

26.2865, 13.4871, 4.1236

Protanomaly

14.9939, 10.5990, 6.2566

Deuteranomaly

16.5317, 11.1978, 3.3879

Tritanomaly

25.7730, 13.4798, 2.1632

Monochromacy



Original Color

26.2865, 13.4871, 4.1236

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

9.3139, 5.9866, 5.0795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2865, 13.4871, 4.1236 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, 49)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 49) }
```

Border

The CSS property to change the border of an element to XYZ 26.2865, 13.4871, 4.1236 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, 49) }
```


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

```
.border{ border-color:rgb(207, 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(207, 0, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 49);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 49)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.2865, 13.4871, 4.1236 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, 49) }
```

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

```
.background{ background-color: rgb(207, 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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