

Converting Colors

XYZ(26.0824, 13.4874, 6.8345)

Have a look what the booklet for
XYZ(26.0824, 13.4874, 6.8345)
contains.

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Color

**XYZ(26.0846, 13.4841,
6.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0A45
RGB	204, 10, 69
RGB Percent	80%, 4%, 27%
CMY	0.2000, 0.9606, 0.7294
CMYK	0.00, 0.95, 0.66, 0.20
HSL	342°, 91%, 42%
HSV	342°, 95%, 80%
XYZ	26.0846, 13.4841, 6.8581
YIQ	74.7320, 96.6850, 59.4770

Conversions

Conversions Part 2

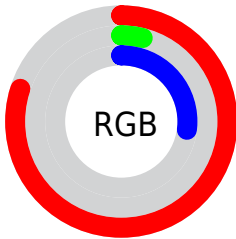
Format	Color
RYB	204, 10, 69
Decimal	13371973
CIELab	43.48, 68.53, 22.98
CIElCh	43, 72.282, 18.540
Yxy	13.4841, 0.5618, 0.2904
Android (android.graphics.Color)	4291562053 (0xFFCC0A45)
YUV	74.7320, -2.8259, 113.3680
Hunter-Lab	36.7207, 62.5365, 14.6313

Details

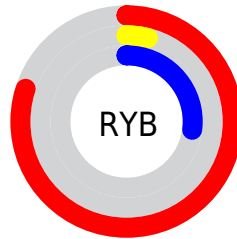
The XYZ color **26.0846, 13.4841, 6.8581** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **26.8323, 45.2959, 34.1325**, and the grayscale version is **6.6361, 6.9817, 7.6031**.

A 20% lighter version of the original color is **48.0233, 29.6891, 20.0291**, and **11.1823, 5.7419, 1.5558** is the 20% darker color. If you saturate the color by 10%, you get **25.7716, 13.1853, 5.7460**, and if you desaturate by 10%, it is **26.9463, 14.4159, 9.5863**.

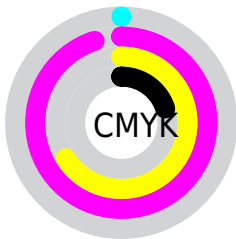
Distribution



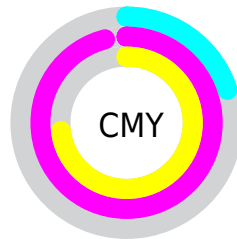
- Red (80%)
- Green (4%)
- Blue (27%)



- Red (80%)
- Yellow (4%)
- Blue (27%)



- Cyan (0%)
- Magenta (95%)
- Yellow (66%)
- Black (20%)





- Cyan (20%)
- Magenta (96%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0846, 13.4841, 6.8581 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 26.0846, 13.4841, 6.8581 by changing the saturation by 10% instead.


 26.0846, 13.4841,
6.8581


 26.0846, 13.4841,
6.8581

275.4462,
213.9973, 176.0653


 17.0200, 7.7627,
3.2964


 52.8417, 32.1708,
20.1952


 10.3441, 3.9435,
1.2479


 71.2649, 45.9049,
30.8076


 5.6917, 1.6420,
0.0185

 93.5383, 63.0787,
44.6074

 2.6974, 0.3857,
0.0000

 120.0273, 84.0767,
62.0131

 0.9958, 0.0000,
0.0000

 151.0972,
109.2831, 83.4432

 0.0000, 0.0000,
0.0000

 187.1135,

139.0824, 109.3162

228.4413,
173.8590, 140.0507

■ 26.0846, 13.4841,
6.8581

■ 26.0846, 13.4841,
6.8581

■ 25.7716, 13.1853,
5.7460

■ 26.9463, 14.4159,
9.5863

■ 28.2548, 16.0615,
13.0177

■ 30.0724, 18.5352,
17.2043

■ 32.4504, 21.9303,
22.1920

■ 35.4334, 26.3276,
28.0227

■ 39.0615, 31.7987,
34.7349

■ 43.3710, 38.4089,
42.3649

■ 48.3958, 46.2180,
50.9464

■ 54.1671, 55.2819,
60.5119

Harmonies

Analogous

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



26.6449, 13.4841, 21.7538



26.0846, 13.4841, 6.8581



21.4159, 13.4841, 1.5421

Triad

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



26.0846, 13.4841, 6.8581



6.2884, 13.4841, 2.2276



10.7810, 13.4841, 70.9598

Complementary

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



26.0846, 13.4841, 6.8581



26.8323, 45.2959, 34.1325

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.



6.8958, 13.4841, 52.3970



26.0846, 13.4841, 6.8581



4.8578, 13.4841, 9.3374

Square

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



26.0846, 13.4841, 6.8581



9.6694, 13.4841, 0.4503



5.0415, 13.4841, 26.9296



16.5809, 13.4841, 68.1613

Rectangle

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



26.0846, 13.4841, 6.8581



17.2049, 13.4841, 0.5384



5.0415, 13.4841, 26.9296



9.2456, 13.4841, 66.6664

Sweetspot

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



26.0849, 13.4849, 6.8583



68.6168, 58.6652, 64.5384



22.2629, 10.3797, 57.9567



14.0424, 11.5706, 12.6661



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.



26.0849, 13.4849, 6.8583



42.5979, 21.8031, 9.0804



25.9182, 14.7821, 1.7755



11.3504, 11.2689, 12.3797



16.2576, 8.3136, 3.8092



0.8727, 0.4425, 0.3754

Inverse Universe

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



26.0849, 13.4849, 6.8583



42.5979, 21.8031, 9.0804



25.1088, 32.5925, 62.0942



11.3504, 11.2689, 12.3797



16.2576, 8.3136, 3.8092



0.8727, 0.4425, 0.3754

Previews

White Background



This preview shows how the XYZ color 26.0846, 13.4841, 6.8581 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 26.0846, 13.4841, 6.8581 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 26.0846, 13.4841, 6.8581

Background



This preview shows how black text looks on a background with the XYZ color 26.0846, 13.4841, 6.8581.



This preview shows how white text looks on a background with the XYZ color 26.0846, 13.4841,

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

26.0846, 13.4841, 6.8581

Protanopia

13.3627, 13.9660, 14.3033

Deuteranopia

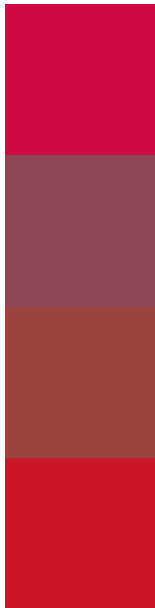
14.1252, 13.9526, 6.2236



Tritanopia

25.2544, 13.6498, 2.2809

Trichromacy



Original Color

26.0846, 13.4841, 6.8581

Protanomaly

15.1487, 10.8524, 10.7475

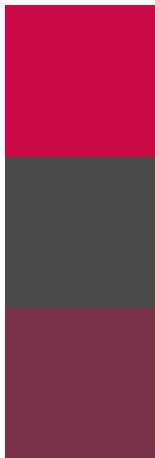
Deuteranomaly

16.4219, 11.3418, 6.0263

Tritanomaly

25.3334, 13.4375, 3.4490

Monochromacy



Original Color

26.0846, 13.4841, 6.8581

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

10.4125, 6.9863, 7.1030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0846, 13.4841, 6.8581 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(204, 10, 69)` looks like.

```
.text, #text, p{  
  color:rgb(204, 10, 69)  
}
```

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(204, 10, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 10, 69) }
```

Border

The CSS property to change the border of an element to XYZ 26.0846, 13.4841, 6.8581 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(204, 10, 69) }
```


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

```
.border{ border-color:rgb(204, 10, 69) }
```

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

Here you see how a box with a 4 pixel rgb(204, 10, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 10, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 10, 69);  
box-shadow:4px 4px 4px 4px rgb(204, 10,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0846, 13.4841, 6.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 10, 69) }
```

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

```
.background{ background-color: rgb(204, 10,  
69) }
```

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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