

Converting Colors

XYZ(25.0795, 11.1480, 8.9619)

Have a look what the booklet for
XYZ(25.0795, 11.1480, 8.9619)
contains.

XYZ(26.1899, 13.3210, 9.3745)	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(26.1899, 13.3210,
9.3745)**

Conversions

Conversions Part 1

Format	Color
Hex	CB0053
RGB	203, 0, 83
RGB Percent	80%, 0%, 33%
CMY	0.2039, 0.9998, 0.6745
CMYK	0.00, 1.00, 0.59, 0.20
HSL	335°, 100%, 40%
HSV	335°, 100%, 80%
XYZ	26.1899, 13.3210, 9.3745
YIQ	70.1590, 94.3450, 68.8490

Conversions

Conversions Part 2

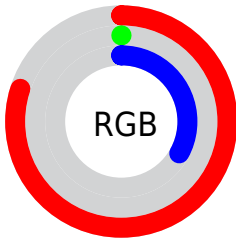
Format	Color
R_YB	203, 0, 83
Decimal	13303891
CIE Lab	43.24, 70.01, 13.83
CIE LCh	43, 71.359, 11.175
Yxy	13.3210, 0.5357, 0.2725
Android (android.graphics.Color)	4291493971 (0xFFCB0053)
YUV	70.1590, 6.3306, 116.5016
Hunter-Lab	36.4979, 64.2152, 10.3199

Details

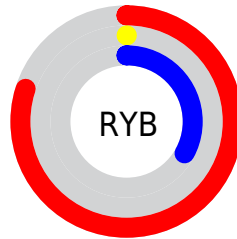
The XYZ color **26.1899, 13.3210, 9.3745** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **24.7488, 44.0689, 24.9831**, and the grayscale version is **5.8302, 6.1338, 6.6798**.

A 20% lighter version of the original color is **48.8131, 29.7423, 24.9979**, and **11.3507, 5.8092, 2.4425** is the 20% darker color. If you saturate the color by 10%, you get **26.1889, 13.3206, 9.3699**, and if you desaturate by 10%, it is **26.9503, 14.0351, 12.1157**.

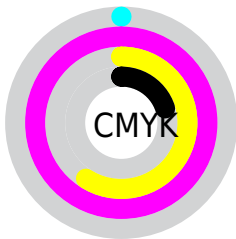
Distribution



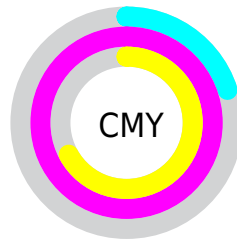
- Red (80%)
- Green (0%)
- Blue (33%)



- Red (80%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1899, 13.3210, 9.3745 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 26.1899, 13.3210, 9.3745 by changing the saturation by 10% instead.


 26.1899, 13.3210,
9.3745


 26.1899, 13.3210,
9.3745


275.9527,
212.9648, 196.4674


 17.0992, 7.6500,
4.8861


 53.0103, 31.8793,
25.2013


 10.4010, 3.8718,
2.1230


 71.4706, 45.5353,
37.3768

 5.7299, 1.6021,
0.6294

 93.7849, 62.6218,
52.9518

 2.7206, 0.3590,
0.0000

 120.3185, 83.5231,
72.3447

 1.0078, 0.0000,
0.0000

 151.4367,
108.6237, 95.9742

 0.0000, 0.0000,
0.0000

 187.5049,

138.3079, 124.2588

228.8884,
172.9601, 157.6170

■ 26.1899, 13.3210,
9.3745

■ 26.1899, 13.3210,
9.3745

■ 26.1889, 13.3206,
9.3699

■ 26.9503, 14.0351,
12.1157

■ 28.0631, 15.3191,
15.3890

■ 29.6241, 17.3595,
19.2443

■ 31.6860, 20.2558,
23.7157

■ 34.2934, 24.0922,
28.8340

■ 37.4857, 28.9429,
34.6272

■ 41.2986, 34.8743,
41.1216

■ 45.7647, 41.9472,
48.3420

■ 50.9142, 50.2181,
56.3115

Harmonies

Analogous

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



25.5994, 13.3210, 26.6907



26.1899, 13.3210, 9.3745



22.4490, 13.3210, 2.2847

Triad

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



26.1899, 13.3210, 9.3745



6.8799, 13.3210, 1.5461



9.5357, 13.3210, 66.4962

Complementary

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



26.1899, 13.3210, 9.3745



24.7488, 44.0689, 24.9831

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.



6.2344, 13.3210, 45.1338



26.1899, 13.3210, 9.3745



5.0376, 13.3210, 6.7404

Square

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



26.1899, 13.3210, 9.3745



10.7135, 13.3210, 0.3182



4.8420, 13.3210, 21.2295



14.8318, 13.3210, 69.4354

Rectangle

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



26.1899, 13.3210, 9.3745



18.4992, 13.3210, 0.8417



4.8420, 13.3210, 21.2295



8.2022, 13.3210, 60.7624

Sweetspot

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



26.1902, 13.3218, 9.3747



68.8643, 57.9418, 68.3769



18.3099, 8.1945, 57.1162



14.1321, 11.4521, 13.6143



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.



26.1902, 13.3218, 9.3747



43.7505, 22.2642, 15.1504



24.8284, 13.0959, 1.2203



11.3992, 11.2884, 12.6370



16.7093, 8.4943, 6.1880



0.8994, 0.4532, 0.5161

Inverse Universe

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



26.1902, 13.3218, 9.3747



43.7505, 22.2642, 15.1504



28.3570, 39.4661, 62.6227



11.3992, 11.2884, 12.6370



16.7093, 8.4943, 6.1880



0.8994, 0.4532, 0.5161

Previews

White Background



This preview shows how the XYZ color 26.1899, 13.3210, 9.3745 looks on a white background.

Color Contrast Check

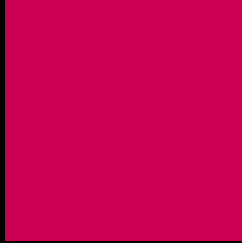
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1899,
13.3210, 9.3745 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 26.1899, 13.3210, 9.3745

Background



This preview shows how black text looks on a background with the XYZ color 26.1899, 13.3210, 9.3745.



This preview shows how white text looks on a background with the XYZ color 26.1899, 13.3210,

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

26.1899, 13.3210, 9.3745

Protanopia

13.7683, 14.0478, 20.0750

Deuteranopia

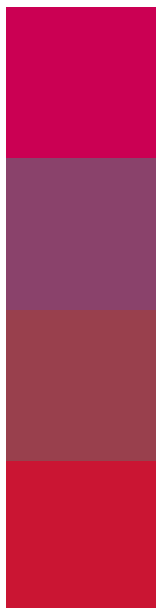
14.1054, 13.8938, 8.4169



Tritanopia

24.8920, 13.6095, 2.6814

Trichromacy



Original Color

26.1899, 13.3210, 9.3745

Protanomaly

15.0833, 10.3612, 15.1149

Deuteranomaly

16.3098, 10.9749, 8.2799

Tritanomaly

25.2228, 13.3319, 4.3759

Monochromacy



Original Color

26.1899, 13.3210, 9.3745

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.6796, 6.2363, 7.3502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1899, 13.3210, 9.3745 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(203, 0, 83)` looks like.

```
.text, #text, p{  
    color:rgb(203, 0, 83)  
}
```

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(203, 0, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 0, 83) }
```

Border

The CSS property to change the border of an element to XYZ 26.1899, 13.3210, 9.3745 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(203, 0, 83) }
```


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

```
.border{ border-color:rgb(203, 0, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 0, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 0, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 0, 83);  
box-shadow:4px 4px 4px 4px rgb(203, 0, 83)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.1899, 13.3210, 9.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 0, 83) }
```

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

```
.background{ background-color: rgb(203, 0,  
83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor