

Converting Colors

XYZ(26.0546, 13.1578, 33.4398)

Have a look what the booklet for
XYZ(26.0546, 13.1578, 33.4398)
contains.

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Color

**XYZ(25.9869, 13.1097,
33.5085)**

Conversions

Conversions Part 1

Format	Color
Hex	B7169E
RGB	183, 22, 158
RGB Percent	72%, 9%, 62%
CMY	0.2824, 0.9137, 0.3804
CMYK	0.00, 0.88, 0.14, 0.28
HSL	309°, 79%, 40%
HSV	309°, 88%, 72%
XYZ	25.9869, 13.1097, 33.5085
YIQ	85.6430, 52.3000, 76.4280

Conversions

Conversions Part 2

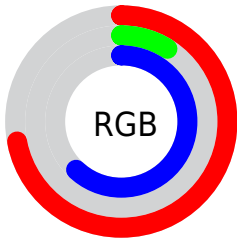
Format	Color
R_{YB}	183, 22, 158
Decimal	11998878
CIE _{Lab}	42.93, 70.52, -33.43
CIE _{LCh}	43, 78.042, 334.637
Yxy	13.1097, 0.3579, 0.1806
Android (android.graphics.Color)	4290188958 (0xFFB7169E)
YUV	85.6430, 35.6720, 85.3821
Hunter-Lab	36.2073, 64.7511, -29.5255

Details

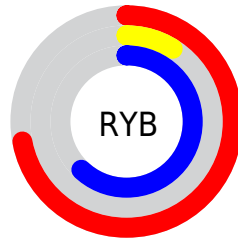
The XYZ color **25.9869, 13.1097, 33.5085** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **17.7782, 34.2434, 8.3635**, and the grayscale version is **8.6908, 9.1434, 9.9572**.

A 20% lighter version of the original color is **52.7995, 31.5131, 66.2506**, and **11.0590, 5.4006, 14.0952** is the 20% darker color. If you saturate the color by 10%, you get **25.4986, 12.5199, 32.1528**, and if you desaturate by 10%, it is **26.7172, 14.1739, 34.9730**.

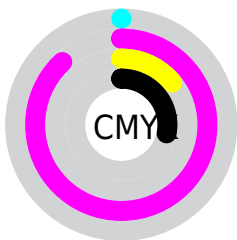
Distribution



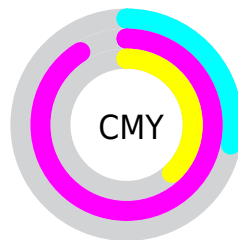
- Red (72%)
- Green (9%)
- Blue (62%)



- Red (72%)
- Yellow (9%)
- Blue (62%)



- Cyan (0%)
- Magenta (88%)
- Yellow (14%)
- Black (28%)





- Cyan (28%)
- Magenta (91%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9869, 13.1097, 33.5085 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 25.9869, 13.1097, 33.5085 by changing the saturation by 10% instead.

 25.9869, 13.1097,
33.5085


 25.9869, 13.1097,
33.5085

274.9756,
211.6195, 332.6369


 16.9465, 7.5041,
22.2420


 52.6853, 31.5007,
66.2937


 10.2914, 3.7793,
13.8348


 71.0739, 45.0550,
88.6495


 5.6563, 1.5509,
7.8684


 93.3093, 62.0276,
115.5389

 2.6759, 0.3242,
3.9243

 119.7569, 82.8029,
147.3802

 0.9848, 0.0000,
1.5839

 150.7820,
107.7654, 184.5921

 0.0000, 0.0000,
0.2793

 186.7499,

 0.0000, 0.0000,

137.2994, 227.5932

0.0000

228.0260,
171.7893, 276.8019

■ 25.9869, 13.1097,
33.5085

■ 25.9869, 13.1097,
33.5085

■ 25.4986, 12.5199,
32.1528

■ 26.7172, 14.1739,
34.9730

■ 25.4099, 12.4199,
31.8845

■ 27.7452, 15.8247,
36.5647

■ 29.1078, 18.1357,
38.2963

■ 30.8362, 21.1689,
40.1782

■ 32.9579, 24.9794,
42.2199

■ 35.4977, 29.6168,
44.4298

■ 38.4785, 35.1267,
46.8156

■ 41.9213, 41.5513,
49.3847

■ 45.8460, 48.9301,
52.1437

Harmonies

Analogous

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



20.1949, 13.1097, 62.0452



25.9869, 13.1097, 33.5085



27.7720, 13.1097, 11.7766

Triad

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



25.9869, 13.1097, 33.5085



11.5547, 13.1097, 0.0000



5.1981, 13.1097, 42.3205

Complementary

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



25.9869, 13.1097, 33.5085



17.7782, 34.2434, 8.3635

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.



4.1605, 13.1097, 17.1021



25.9869, 13.1097, 33.5085



7.0060, 13.1097, 0.6854

Square

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



25.9869, 13.1097, 33.5085



18.0561, 13.1097, 0.2443



4.6967, 13.1097, 4.3119



8.1597, 13.1097, 69.4010

Rectangle

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



25.9869, 13.1097, 33.5085



26.0874, 13.1097, 4.4841



4.6967, 13.1097, 4.3119



4.6647, 13.1097, 32.8461

Sweetspot

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



25.9874, 13.1104, 33.5087



64.3455, 54.4596, 80.2100



9.9685, 4.5779, 45.1584



13.8369, 11.3393, 17.4030



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.9874, 13.1104, 33.5087



45.4381, 22.2155, 56.7341



21.2039, 11.1970, 8.3191



9.3194, 9.1381, 11.0293



17.7469, 8.6725, 22.3515



0.6420, 0.3123, 0.8740

Inverse Universe

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



25.9874, 13.1104, 33.5087



45.4381, 22.2155, 56.7341



21.0732, 35.5613, 25.7145



9.3194, 9.1381, 11.0293



17.7469, 8.6725, 22.3515



0.6420, 0.3123, 0.8740

Previews

White Background



This preview shows how the XYZ color 25.9869, 13.1097, 33.5085 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

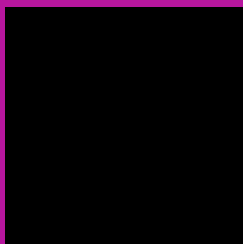
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9869, 13.1097, 33.5085

Background



This preview shows how black text looks on a background with the XYZ color 25.9869, 13.1097, 33.5085.



This preview shows how white text looks on a background with the XYZ color 25.9869, 13.1097,

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

25.9869, 13.1097, 33.5085

Protanopia

16.2197, 13.6268, 63.4034

Deuteranopia

13.8323, 13.5575, 30.3216



Tritanopia

20.6129, 13.3119, 6.9519

Trichromacy



Original Color

25.9869, 13.1097, 33.5085



Protanomaly

14.0824, 9.5055, 50.9617



Deuteranomaly

15.7958, 11.0252, 31.0013



Tritanomaly

21.8074, 12.6012, 13.5948

Monochromacy



Original Color

25.9869, 13.1097, 33.5085



Achromatopsia

8.8453, 9.3059, 10.1341



Achromatomaly

12.5873, 8.7898, 16.3624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9869, 13.1097, 33.5085 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(183, 22, 158)` looks like.

```
.text, #text, p{  
    color:rgb(183, 22, 158)  
}
```

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(183, 22, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 22, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.9869, 13.1097, 33.5085 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(183, 22, 158) }
```


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

```
.border{ border-color:rgb(183, 22, 158) }
```

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

Here you see how a box with a 4 pixel rgb(183, 22, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 22, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 22, 158);  
box-shadow:4px 4px 4px 4px rgb(183, 22,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9869, 13.1097, 33.5085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 22, 158) }
```

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

```
.background{ background-color: rgb(183, 22,  
158) }
```

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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