

Converting Colors

XYZ(30.8527, 15.3819, 25.0860)

Have a look what the booklet for
XYZ(30.8527, 15.3819, 25.0860)
contains.

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Color

**XYZ(30.8099, 15.3615,
25.0081)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D10089 |
| RGB | 209, 0, 137 |
| RGB Percent | 82%, 0%, 54% |
| CMY | 0.1804, 0.9998, 0.4627 |
| CMYK | 0.00, 1.00, 0.34, 0.18 |
| HSL | 321°, 100%, 41% |
| HSV | 321°, 100%, 82% |
| XYZ | 30.8099, 15.3615, 25.0081 |
| YIQ | 78.1090, 80.5870, 86.9150 |

Conversions

Conversions Part 2

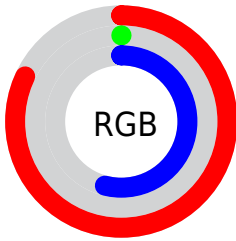
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 209, 0, 137 |
| Decimal | 13697161 |
| CIE _{Lab} | 46.13, 75.69, -15.37 |
| CIE _{LCh} | 46, 77.231, 348.522 |
| Yxy | 15.3615, 0.4328, 0.2158 |
| Android (android.graphics.Color) | 4291887241 (0xFFD10089) |
| YUV | 78.1090, 29.0333, 114.7914 |
| Hunter-Lab | 39.1937, 71.7284, -10.3952 |

Details

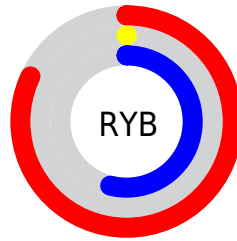
The XYZ color **30.8099, 15.3615, 25.0081** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **23.9720, 46.0697, 13.7667**, and the grayscale version is **7.2026, 7.5777, 8.2521**.

A 20% lighter version of the original color is **54.1904, 32.2900, 52.0916**, and **14.1147, 7.0777, 9.6390** is the 20% darker color. If you saturate the color by 10%, you get **30.8089, 15.3611, 25.0029**, and if you desaturate by 10%, it is **31.6111, 16.1093, 27.9097**.

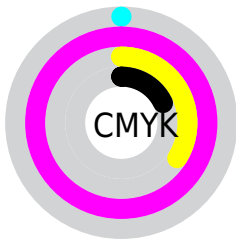
Distribution



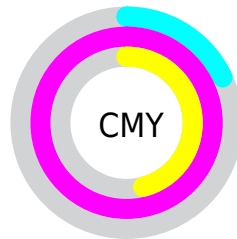
- Red (82%)
- Green (0%)
- Blue (54%)



- Red (82%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8099, 15.3615, 25.0081 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 30.8099, 15.3615, 25.0081 by changing the saturation by 10% instead.


 30.8099, 15.3615,
25.0081


 30.8099, 15.3615,
25.0081


297.5041,
225.5440, 291.3272


 20.6053, 9.0735,
15.8640


 60.3185, 35.4861,
52.6346


 12.9466, 4.7891,
9.2747

 80.3532, 50.0915,
71.9542


 7.4685, 2.1241,
4.8215


 104.3953, 68.2382,
95.5026

 3.8057, 0.6781,
2.0860

 132.8102, 90.3105,
123.6985

 1.5928, 0.0000,
0.6074

 165.9631,
116.6928, 156.9604

 0.3877, 0.0000,
0.0000

 204.2195,

 0.0000, 0.0000,

147.7696, 195.7068

0.0000

247.9447,
183.9252, 240.3562

■ 30.8099, 15.3615,
25.0081

■ 30.8099, 15.3615,
25.0081

■ 30.8089, 15.3611,
25.0029

■ 31.6111, 16.1093,
27.9097

■ 32.7356, 17.4475,
31.0924

■ 34.2814, 19.5712,
34.5920

■ 36.3022, 22.5864,
38.4293

■ 38.8430, 26.5825,
42.6225

■ 41.9435, 31.6381,
47.1876

■ 45.6396, 37.8237,
52.1394

■ 49.9638, 45.2036,
57.4914

■ 54.9463, 53.8373,
63.2566

Harmonies

Analogous

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



26.2578, 15.3615, 53.9550



30.8099, 15.3615, 25.0081



30.1537, 15.3615, 7.6644

Triad

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



30.8099, 15.3615, 25.0081



10.9440, 15.3615, 0.4401



7.7300, 15.3615, 61.1120

Complementary

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



30.8099, 15.3615, 25.0081



23.9720, 46.0697, 13.7667

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.



5.5992, 15.3615, 31.0526



30.8099, 15.3615, 25.0081



7.0337, 15.3615, 2.3850

Square

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



30.8099, 15.3615, 25.0081



17.2616, 15.3615, 0.2684



5.3898, 15.3615, 10.5100



12.2283, 15.3615, 83.1374

Rectangle

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



30.8099, 15.3615, 25.0081



26.8823, 15.3615, 2.7970



5.3898, 15.3615, 10.5100



6.7794, 15.3615, 50.8931

Sweetspot

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



30.8104, 15.3624, 25.0083



71.3528, 58.9372, 81.4814



14.0128, 5.8951, 60.7210



14.7214, 11.6878, 16.7174



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.



30.8104, 15.3624, 25.0083



48.2277, 24.0551, 38.7265



26.5964, 13.6768, 2.8179



12.1305, 11.9370, 13.9632



19.0438, 9.4904, 15.6686



1.1013, 0.5453, 1.0685

Inverse Universe

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



30.8104, 15.3624, 25.0083



48.2277, 24.0551, 38.7265



30.4579, 48.6641, 47.9210



12.1305, 11.9370, 13.9632



19.0438, 9.4904, 15.6686



1.1013, 0.5453, 1.0685

Previews

White Background



This preview shows how the XYZ color 30.8099, 15.3615, 25.0081 looks on a white background.

Color Contrast Check

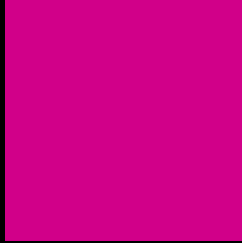
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8099, 15.3615, 25.0081 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 30.8099, 15.3615, 25.0081

Background



This preview shows how black text looks on a background with the XYZ color 30.8099, 15.3615, 25.0081.



This preview shows how white text looks on a background with the XYZ color 30.8099, 15.3615,

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

30.8099, 15.3615, 25.0081

Protanopia

18.0310, 16.2624, 54.4132

Deuteranopia

16.3044, 16.0732, 22.6652



Tritanopia

26.9348, 15.7612, 5.3640

Trichromacy



Original Color

30.8099, 15.3615, 25.0081



Protanomaly

17.7511, 11.4163, 41.8254



Deuteranomaly

18.6193, 12.2845, 22.8625



Tritanomaly

27.6653, 14.9217, 10.0164

Monochromacy



Original Color

30.8099, 15.3615, 25.0081



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

11.9969, 7.6177, 12.6424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8099, 15.3615, 25.0081 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(209, 0, 137)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 137)  
}
```

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(209, 0, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 137) }
```

Border

The CSS property to change the border of an element to XYZ 30.8099, 15.3615, 25.0081 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(209, 0, 137) }
```


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

```
.border{ border-color:rgb(209, 0, 137) }
```

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

Here you see how a box with a 4 pixel rgb(209, 0, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 137);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8099, 15.3615, 25.0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 137) }
```

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

```
.background{ background-color: rgb(209, 0,  
137) }
```

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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