

Converting Colors

XYZ(30.7974, 15.3597, 24.7949)

Have a look what the booklet for
XYZ(30.7974, 15.3597, 24.7949)
contains.

XYZ(30.7384, 15.3329, 24.6320)	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(30.7384, 15.3329,
24.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	D10088
RGB	209, 0, 136
RGB Percent	82%, 0%, 53%
CMY	0.1804, 0.9998, 0.4667
CMYK	0.00, 1.00, 0.35, 0.18
HSL	321°, 100%, 41%
HSV	321°, 100%, 82%
XYZ	30.7384, 15.3329, 24.6320
YIQ	77.9950, 80.9080, 86.6040

Conversions

Conversions Part 2

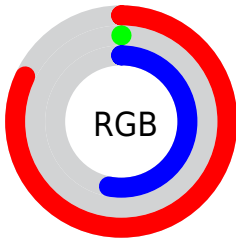
Format	Color
R_{YB}	209, 0, 136
Decimal	13697160
CIE _{Lab}	46.09, 75.59, -14.82
CIE _{LCh}	46, 77.026, 348.908
Yxy	15.3329, 0.4348, 0.2169
Android (android.graphics.Color)	4291887240 (0xFFD10088)
YUV	77.9950, 28.5965, 114.8914
Hunter-Lab	39.1572, 71.5971, -9.8865

Details

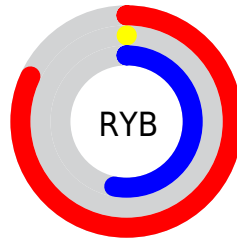
The XYZ color **30.7384, 15.3329, 24.6320** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **24.0049, 46.0827, 13.9401**, and the grayscale version is **7.1819, 7.5559, 8.2284**.

A 20% lighter version of the original color is **54.0815, 32.2465, 51.5179**, and **14.0741, 7.0614, 9.4253** is the 20% darker color. If you saturate the color by 10%, you get **30.7374, 15.3325, 24.6267**, and if you desaturate by 10%, it is **31.5424, 16.0818, 27.5482**.

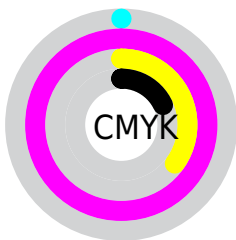
Distribution



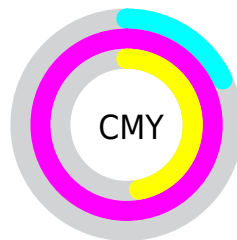
- Red (82%)
- Green (0%)
- Blue (53%)



- Red (82%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7384, 15.3329, 24.6320 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 30.7384, 15.3329, 24.6320 by changing the saturation by 10% instead.


 30.7384, 15.3329,
24.6320


 30.7384, 15.3329,
24.6320


297.1798,
225.3724, 289.3891


 20.5506, 9.0534,
15.5866


 60.2066, 35.4361,
52.0163

 12.9065, 4.7760,
9.0809


 80.2177, 50.0286,
71.1922


 7.4407, 2.1164,
4.6965


 104.2340, 68.1609,
94.5821

 3.7880, 0.6738,
2.0147

 132.6207, 90.2173,
122.6044

 1.5829, 0.0000,
0.5643

 165.7433,
116.5822, 155.6777

 0.3812, 0.0000,
0.0000

 203.9671,

 0.0000, 0.0000,

147.6402, 194.2206

0.0000

247.6575,
183.7754, 238.6515

■ 30.7384, 15.3329,
24.6320

■ 30.7384, 15.3329,
24.6320

■ 30.7374, 15.3325,
24.6267

■ 31.5424, 16.0818,
27.5482

■ 32.6705, 17.4215,
30.7502

■ 34.2210, 19.5470,
34.2740

■ 36.2473, 22.5645,
38.1406

■ 38.7946, 26.5633,
42.3682

■ 41.9028, 31.6219,
46.9730

■ 45.6074, 37.8109,
51.9700

■ 49.9413, 45.1947,
57.3728

■ 54.9345, 53.8327,
63.1944

Harmonies

Analogous

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



26.2633, 15.3329, 53.3506



30.7384, 15.3329, 24.6320



30.0139, 15.3329, 7.5278

Triad

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



30.7384, 15.3329, 24.6320



10.8641, 15.3329, 0.4608



7.7686, 15.3329, 61.2482

Complementary

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



30.7384, 15.3329, 24.6320



24.0049, 46.0827, 13.9401

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.



5.6161, 15.3329, 31.3085



30.7384, 15.3329, 24.6320



6.9981, 15.3329, 2.4444

Square

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



30.7384, 15.3329, 24.6320



17.1308, 15.3329, 0.2708



5.3842, 15.3329, 10.6773



12.2842, 15.3329, 82.9109

Rectangle

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



30.7384, 15.3329, 24.6320



26.7224, 15.3329, 2.7483



5.3842, 15.3329, 10.6773



6.8108, 15.3329, 51.1010

Sweetspot

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



30.7389, 15.3338, 24.6322



71.3018, 58.9168, 81.2130



14.0128, 5.8951, 60.7208



14.7092, 11.6829, 16.6532



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.



30.7389, 15.3338, 24.6322



48.1152, 24.0101, 38.1344



26.5963, 13.6767, 2.8179



12.1281, 11.9360, 13.9503



19.0000, 9.4728, 15.4378



1.0991, 0.5444, 1.0568

Inverse Universe

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



30.7389, 15.3338, 24.6322



48.1152, 24.0101, 38.1344



30.4579, 48.6639, 47.9209



12.1281, 11.9360, 13.9503



19.0000, 9.4728, 15.4378



1.0991, 0.5444, 1.0568

Previews

White Background



This preview shows how the XYZ color 30.7384, 15.3329, 24.6320 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 30.7384, 15.3329, 24.6320 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 30.7384, 15.3329, 24.6320

Background



This preview shows how black text looks on a background with the XYZ color 30.7384, 15.3329, 24.6320.



This preview shows how white text looks on a background with the XYZ color 30.7384, 15.3329,

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

30.7384, 15.3329, 24.6320

Protanopia

17.8787, 16.2100, 53.2255

Deuteranopia

16.2636, 15.9023, 22.2909



Tritanopia

26.9348, 15.7612, 5.3640

Trichromacy



Original Color

30.7384, 15.3329, 24.6320



Protanomaly

17.6970, 11.4109, 40.8050



Deuteranomaly

18.5518, 12.2575, 22.5072



Tritanomaly

27.6653, 14.9217, 10.0164

Monochromacy



Original Color

30.7384, 15.3329, 24.6320



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 30.7384, 15.3329, 24.6320 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 136) }
```

Border

The CSS property to change the border of an element to XYZ 30.7384, 15.3329, 24.6320 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, 136) }
```


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

```
.border{ border-color:rgb(209, 0, 136) }
```

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, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7384, 15.3329, 24.6320 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, 136) }
```

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

```
.background{ background-color: rgb(209, 0,  
136) }
```

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