

Converting Colors

XYZ(30.6090, 15.2844, 23.8029)

Have a look what the booklet for
XYZ(30.6090, 15.2844, 23.8029)
contains.

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Color

**XYZ(30.5976, 15.2765,
23.8903)**

Conversions

Conversions Part 1

Format	Color
Hex	D10086
RGB	209, 0, 134
RGB Percent	82%, 0%, 53%
CMY	0.1804, 0.9999, 0.4745
CMYK	0.00, 1.00, 0.36, 0.18
HSL	322°, 100%, 41%
HSV	322°, 100%, 82%
XYZ	30.5976, 15.2765, 23.8903
YIQ	77.7670, 81.5500, 85.9820

Conversions

Conversions Part 2

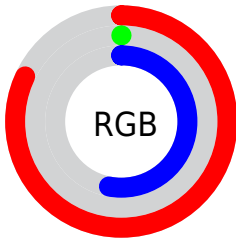
Format	Color
R_{YB}	209, 0, 134
Decimal	13697158
CIE _{Lab}	46.01, 75.39, -13.71
CIE _{LCh}	46, 76.628, 349.690
Yxy	15.2765, 0.4386, 0.2190
Android (android.graphics.Color)	4291887238 (0xFFD10086)
YUV	77.7670, 27.7229, 115.0913
Hunter-Lab	39.0852, 71.3387, -8.8806

Details

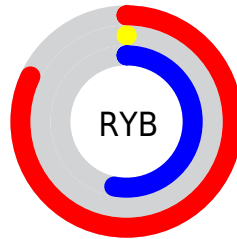
The XYZ color **30.5976, 15.2765, 23.8903** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **24.0722, 46.1098, 14.2944**, and the grayscale version is **7.1401, 7.5119, 8.1805**.

A 20% lighter version of the original color is **53.8658, 32.1602, 50.3822**, and **13.9947, 7.0297, 9.0068** is the 20% darker color. If you saturate the color by 10%, you get **30.5968, 15.2762, 23.8857**, and if you desaturate by 10%, it is **31.4067, 16.0274, 26.8337**.

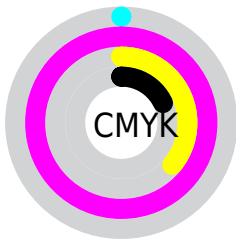
Distribution



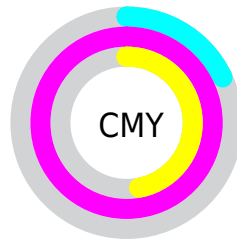
- Red (82%)
- Green (0%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (18%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5976, 15.2765, 23.8903 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 30.5976, 15.2765, 23.8903 by changing the saturation by 10% instead.

 30.5976, 15.2765,
23.8903


 30.5976, 15.2765,
23.8903


296.5403,
225.0338, 285.5341


 20.4429, 9.0137,
15.0408


 59.9861, 35.3375,
50.7927


 12.8276, 4.7501,
8.7011


 79.9507, 49.9045,
69.6827


 7.3861, 2.1014,
4.4526


 103.9160, 68.0083,
92.7567

 3.7532, 0.6654,
1.8768

 132.2473, 90.0334,
120.4331

 1.5635, 0.0000,
0.4779

 165.3101,
116.3640, 153.1305

 0.3684, 0.0000,
0.0000

 203.4696,

 0.0000, 0.0000,

147.3847, 191.2674

0.0000

247.0912,
183.4798, 235.2624

■ 30.5976, 15.2765,
23.8903

■ 30.5976, 15.2765,
23.8903

■ 30.5968, 15.2762,
23.8857

■ 31.4067, 16.0274,
26.8337

■ 32.5418, 17.3697,
30.0726

■ 34.1010, 19.4986,
33.6431

■ 36.1380, 22.5202,
37.5667

■ 38.6981, 26.5239,
41.8618

■ 41.8210, 31.5882,
46.5450

■ 45.5425, 37.7838,
51.6314

■ 49.8954, 45.1749,
57.1350

■ 54.9098, 53.8212,
63.0690

Harmonies

Analogous

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



26.2763, 15.2765, 52.1559



30.5976, 15.2765, 23.8903



29.7369, 15.2765, 7.2588

Triad

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



30.5976, 15.2765, 23.8903



10.7055, 15.2765, 0.5021



7.8468, 15.2765, 61.5277

Complementary

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



30.5976, 15.2765, 23.8903



24.0722, 46.1098, 14.2944

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.



5.6502, 15.2765, 31.8284



30.5976, 15.2765, 23.8903



6.9271, 15.2765, 2.5663

Square

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



30.5976, 15.2765, 23.8903



16.8714, 15.2765, 0.2753



5.3731, 15.2765, 11.0187



12.3976, 15.2765, 82.4654

Rectangle

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



30.5976, 15.2765, 23.8903



26.4053, 15.2765, 2.6524



5.3731, 15.2765, 11.0187



6.8743, 15.2765, 51.5243

Sweetspot

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



30.5981, 15.2774, 23.8905



71.2003, 58.8762, 80.6784



14.2699, 6.0275, 60.7331



14.6849, 11.6732, 16.5256



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.



30.5981, 15.2774, 23.8905



47.8937, 23.9215, 36.9681



26.5473, 13.6571, 2.5597



12.1232, 11.9340, 13.9245



18.9136, 9.4383, 14.9830



1.0947, 0.5426, 1.0335

Inverse Universe

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



30.5981, 15.2774, 23.8905



47.8937, 23.9215, 36.9681



30.8023, 48.8018, 49.7346



12.1232, 11.9340, 13.9245



18.9136, 9.4383, 14.9830



1.0947, 0.5426, 1.0335

Previews

White Background



This preview shows how the XYZ color 30.5976, 15.2765, 23.8903 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 30.5976, 15.2765, 23.8903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

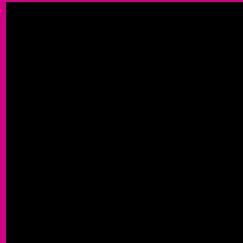
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.5976, 15.2765, 23.8903

Background



This preview shows how black text looks on a background with the XYZ color 30.5976, 15.2765, 23.8903.



This preview shows how white text looks on a background with the XYZ color 30.5976, 15.2765,

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

30.5976, 15.2765, 23.8903

Protanopia

17.7010, 15.9867, 52.0220

Deuteranopia

16.1345, 15.8506, 21.6111



Tritanopia

26.8645, 15.6594, 5.2211

Trichromacy



Original Color

30.5976, 15.2765, 23.8903



Protanomaly

17.6472, 11.4075, 39.7998



Deuteranomaly

18.4188, 12.2043, 21.8070



Tritanomaly

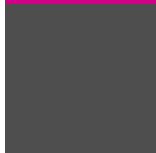
27.6259, 14.9060, 9.8086

Monochromacy



Original Color

30.5976, 15.2765, 23.8903



Achromatopsia

7.2414, 7.6185, 8.2966



Achromatomaly

11.9494, 7.5987, 12.3922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5976, 15.2765, 23.8903 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 134) }
```

Border

The CSS property to change the border of an element to XYZ 30.5976, 15.2765, 23.8903 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, 134) }
```


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

```
.border{ border-color:rgb(209, 0, 134) }
```

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, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 134);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5976, 15.2765, 23.8903 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, 134) }
```

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

```
.background{ background-color: rgb(209, 0,  
134) }
```

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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