

Converting Colors

XYZ(30.9768, 15.6010, 18.0821)

Have a look what the booklet for
XYZ(30.9768, 15.6010, 18.0821)
contains.

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Color

**XYZ(30.9424, 15.5805,
18.2061)**

Conversions

Conversions Part 1

Format	Color
Hex	D60075
RGB	214, 0, 117
RGB Percent	84%, 0%, 46%
CMY	0.1608, 0.9998, 0.5412
CMYK	0.00, 1.00, 0.45, 0.16
HSL	327°, 100%, 42%
HSV	327°, 100%, 84%
XYZ	30.9424, 15.5805, 18.2061
YIQ	77.3240, 89.9870, 81.7550

Conversions

Conversions Part 2

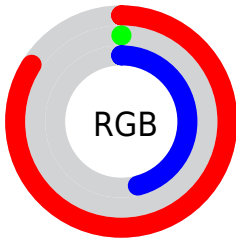
Format	Color
RYB	214, 0, 117
Decimal	14024821
CIELab	46.42, 74.91, -2.56
CIELCh	46, 74.956, 358.040
Yxy	15.5805, 0.4780, 0.2407
Android (android.graphics.Color)	4292214901 (0xFFD60075)
YUV	77.3240, 19.5603, 119.8649
Hunter-Lab	39.4721, 70.8508, 0.2836

Details

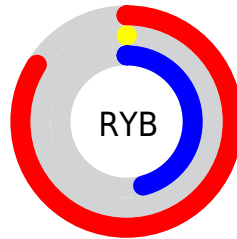
The XYZ color **30.9424, 15.5805, 18.2061** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **26.2068, 48.9571, 19.3885**, and the grayscale version is **7.0719, 7.4402, 8.1024**.

A 20% lighter version of the original color is **52.1425, 31.6067, 40.8886**, and **14.2110, 7.2020, 6.2713** is the 20% darker color. If you saturate the color by 10%, you get **30.9411, 15.5800, 18.1999**, and if you desaturate by 10%, it is **31.8192, 16.3735, 21.4604**.

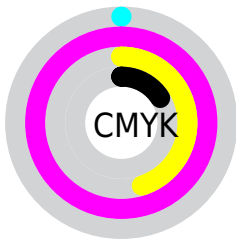
Distribution



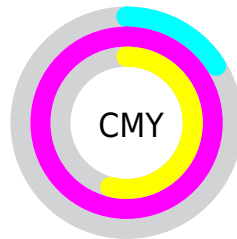
- Red (84%)
- Green (0%)
- Blue (46%)



- Red (84%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9424, 15.5805, 18.2061 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 30.9424, 15.5805, 18.2061 by changing the saturation by 10% instead.


 30.9424, 15.5805,
18.2061


 30.9424, 15.5805,
18.2061


298.1045,
226.8534, 254.3052


 20.7066, 9.2278,
10.9271


 60.5258, 35.8684,
41.2069


 13.0209, 4.8901,
5.9043


 80.6042, 50.5724,
57.7657


 7.5201, 2.1829,
2.7191


 104.6941, 68.8289,
78.2549

 3.8386, 0.7106,
0.9530

 133.1609, 91.0223,
103.0930

 1.6112, 0.0000,
0.0000

 166.3700,
117.5371, 132.6985

 0.3997, 0.0000,
0.0000

 204.6867,

 0.0000, 0.0000,

148.7576, 167.4901

0.0000

248.4764,
185.0683, 207.8861

■ 30.9424, 15.5805,
18.2061

■ 30.9424, 15.5805,
18.2061

■ 30.9411, 15.5800,
18.1999

■ 31.8192, 16.3735,
21.4604

■ 33.0624, 17.8017,
25.1369

■ 34.7752, 20.0692,
29.2783

■ 37.0154, 23.2889,
33.9116

■ 39.8319, 27.5560,
39.0607

■ 43.2675, 32.9542,
44.7471

■ 47.3609, 39.5584,
50.9907

■ 52.1476, 47.4372,
57.8102

■ 57.6602, 56.6540,
65.2232

Harmonies

Analogous

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



27.9873, 15.5805, 43.4952



30.9424, 15.5805, 18.2061



28.6394, 15.5805, 5.1617

Triad

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



30.9424, 15.5805, 18.2061



9.7193, 15.5805, 0.9701



9.1759, 15.5805, 68.3096

Complementary

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



30.9424, 15.5805, 18.2061



26.2068, 48.9571, 19.3885

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.



6.3506, 15.5805, 39.6786



30.9424, 15.5805, 18.2061



6.5944, 15.5805, 4.2688

Square

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



30.9424, 15.5805, 18.2061



15.2362, 15.5805, 0.3580



5.5635, 15.5805, 15.7807



14.3895, 15.5805, 82.7719

Rectangle

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



30.9424, 15.5805, 18.2061



24.7215, 15.5805, 1.9007



5.5635, 15.5805, 15.7807



7.9791, 15.5805, 59.3315

Sweetspot

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



30.9428, 15.5814, 18.2063



70.2205, 58.4843, 75.5185



16.9961, 7.3604, 64.1430



14.4519, 11.5800, 15.2982



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.



30.9428, 15.5814, 18.2063



45.9289, 23.1356, 26.6215



27.7909, 14.3206, 1.6083



12.7044, 12.5333, 14.3836



18.7552, 9.4384, 11.2806



1.1727, 0.5859, 0.8990

Inverse Universe

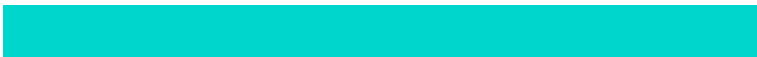
The Inverse Universe completely reimagines the original color for something new.



30.9428, 15.5814, 18.2063



45.9289, 23.1356, 26.6215



34.8625, 52.4194, 64.9692



12.7044, 12.5333, 14.3836



18.7552, 9.4384, 11.2806



1.1727, 0.5859, 0.8990

Previews

White Background



This preview shows how the XYZ color 30.9424, 15.5805, 18.2061 looks on a white background.

Color Contrast Check

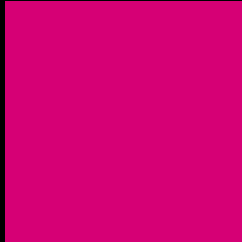
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9424, 15.5805, 18.2061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

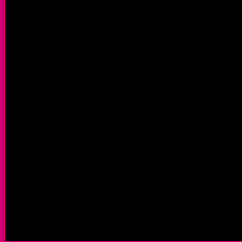
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.9424, 15.5805, 18.2061

Background



This preview shows how black text looks on a background with the XYZ color 30.9424, 15.5805, 18.2061.



This preview shows how white text looks on a background with the XYZ color 30.9424, 15.5805,

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

30.9424, 15.5805, 18.2061

Protanopia

17.0574, 16.2543, 39.2842

Deuteranopia

16.3815, 16.0929, 16.4302



Tritanopia

28.0684, 15.8609, 4.2714

Trichromacy



Original Color

30.9424, 15.5805, 18.2061



Protanomaly

17.7683, 11.7845, 29.7719



Deuteranomaly

18.9020, 12.5720, 16.4693



Tritanomaly

28.4730, 15.1955, 7.5632

Monochromacy



Original Color

30.9424, 15.5805, 18.2061



Achromatopsia

7.0540, 7.4214, 8.0819



Achromatomaly

11.7825, 7.4814, 10.9483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9424, 15.5805, 18.2061 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(214, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 117)  
}
```

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(214, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 117) }
```

Border

The CSS property to change the border of an element to XYZ 30.9424, 15.5805, 18.2061 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(214, 0, 117) }
```


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

```
.border{ border-color:rgb(214, 0, 117) }
```

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

Here you see how a box with a 4 pixel rgb(214, 0, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9424, 15.5805, 18.2061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 117) }
```

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

```
.background{ background-color: rgb(214, 0,  
117) }
```

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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