

Converting Colors

XYZ(30.4239, 15.4069, 13.9461)

Have a look what the booklet for
XYZ(30.4239, 15.4069, 13.9461)
contains.

XYZ(30.4226, 15.4064, 13.9407)	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(30.4226, 15.4064,
13.9407)**

Conversions

Conversions Part 1

Format	Color
Hex	D70066
RGB	215, 0, 102
RGB Percent	84%, 0%, 40%
CMY	0.1569, 0.9998, 0.6000
CMYK	0.00, 1.00, 0.53, 0.16
HSL	332°, 100%, 42%
HSV	332°, 100%, 84%
XYZ	30.4226, 15.4064, 13.9407
YIQ	75.9130, 95.3980, 77.3020

Conversions

Conversions Part 2

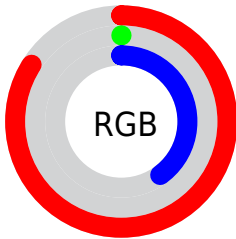
Format	Color
R_{YB}	215, 0, 102
Decimal	14090342
CIE _{Lab}	46.19, 73.98, 6.41
CIE _{LCh}	46, 74.259, 4.955
Yxy	15.4064, 0.5090, 0.2578
Android (android.graphics.Color)	4292280422 (0xFFD70066)
YUV	75.9130, 12.8609, 121.9793
Hunter-Lab	39.2510, 69.6623, 6.4178

Details

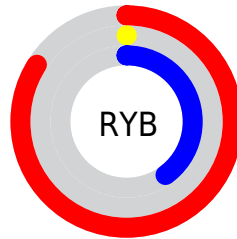
The XYZ color **30.4226, 15.4064, 13.9407** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **27.2841, 49.7942, 23.8094**, and the grayscale version is **6.8232, 7.1786, 7.8175**.

A 20% lighter version of the original color is **50.6459, 30.8722, 33.4266**, and **13.8507, 7.0578, 4.3737** is the 20% darker color. If you saturate the color by 10%, you get **30.4213, 15.4058, 13.9344**, and if you desaturate by 10%, it is **31.3002, 16.2027, 17.1900**.

Distribution



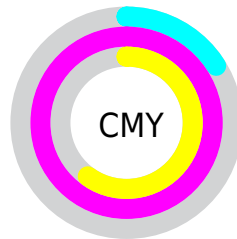
- Red (84%)
- Green (0%)
- Blue (40%)



- Red (84%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4226, 15.4064, 13.9407 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 30.4226, 15.4064, 13.9407 by changing the saturation by 10% instead.

 30.4226, 15.4064,
13.9407


 30.4226, 15.4064,
13.9407


295.7440,
225.8130, 228.2772


 20.3092, 9.1051,
7.9412


 59.7119, 35.5646,
33.6994


 12.7296, 4.8098,
3.9701


 79.6186, 50.1902,
48.2956


 7.3183, 2.1361,
1.6089


 103.5204, 68.3595,
66.5945

 3.7101, 0.6848,
0.2972

 131.7827, 90.4567,
89.0145

 1.5394, 0.0000,
0.0000

 164.7708,
116.8662, 115.9742

 0.3524, 0.0000,
0.0000

 202.8502,

 0.0000, 0.0000,

147.9725, 147.8922

0.0000

246.3861,
184.1600, 185.1871

■ 30.4226, 15.4064,
13.9407

■ 30.4226, 15.4064,
13.9407

■ 30.4213, 15.4058,
13.9344

■ 31.3002, 16.2027,
17.1900

■ 32.5662, 17.6487,
20.9602

■ 34.3259, 19.9506,
25.2998

■ 36.6386, 23.2231,
30.2416

■ 39.5548, 27.5629,
35.8148

■ 43.1187, 33.0549,
42.0459

■ 47.3704, 39.7754,
48.9597

■ 52.3464, 47.7939,
56.5793

■ 58.0808, 57.1751,
64.9265

Harmonies

Analogous

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



28.6684, 15.4064, 36.2788



30.4226, 15.4064, 13.9407



27.0544, 15.4064, 3.6814

Triad

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



30.4226, 15.4064, 13.9407



8.7187, 15.4064, 1.3557



10.0719, 15.4064, 72.3118

Complementary

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



30.4226, 15.4064, 13.9407



27.2841, 49.7942, 23.8094

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.



6.7620, 15.4064, 45.7173



30.4226, 15.4064, 13.9407



6.1532, 15.4064, 5.9233

Square

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



30.4226, 15.4064, 13.9407



13.6170, 15.4064, 0.3950



5.5571, 15.4064, 19.9695



15.7200, 15.4064, 80.9711

Rectangle

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



30.4226, 15.4064, 13.9407



22.8024, 15.4064, 1.3615



5.5571, 15.4064, 19.9695



8.7077, 15.4064, 64.5502

Sweetspot

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



30.4230, 15.4073, 13.9409



69.4981, 58.1954, 71.7148



18.8350, 8.2936, 64.8978



14.2811, 11.5117, 14.3990



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.



30.4230, 15.4073, 13.9409



44.6880, 22.6392, 20.0871



28.0638, 14.5259, 1.3260



12.6660, 12.5179, 14.1816



18.2485, 9.2357, 8.6124



1.1423, 0.5737, 0.7389

Inverse Universe

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



30.4230, 15.4073, 13.9409



44.6880, 22.6392, 20.0871



35.6643, 51.7026, 72.3896



12.6660, 12.5179, 14.1816



18.2485, 9.2357, 8.6124



1.1423, 0.5737, 0.7389

Previews

White Background



This preview shows how the XYZ color 30.4226, 15.4064, 13.9407 looks on a white background.

Color Contrast Check

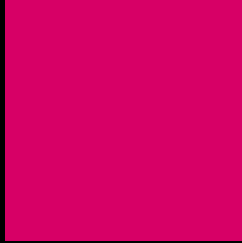
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4226, 15.4064, 13.9407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

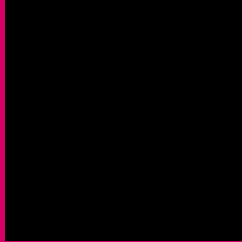
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.4226, 15.4064, 13.9407

Background



This preview shows how black text looks on a background with the XYZ color 30.4226, 15.4064, 13.9407.



This preview shows how white text looks on a background with the XYZ color 30.4226, 15.4064,

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

30.4226, 15.4064, 13.9407

Protanopia

16.2881, 16.0567, 30.2577

Deuteranopia

16.2867, 15.9728, 12.5806



Tritanopia

28.3273, 15.7361, 3.5518

Trichromacy



Original Color

30.4226, 15.4064, 13.9407



Protanomaly

17.4422, 11.7698, 22.8252



Deuteranomaly

18.6756, 12.4524, 12.4856



Tritanomaly

28.7072, 15.2438, 6.1319

Monochromacy



Original Color

30.4226, 15.4064, 13.9407



Achromatopsia

6.8694, 7.2272, 7.8704



Achromatomaly

11.4490, 7.2818, 9.3964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4226, 15.4064, 13.9407 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(215, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(215, 0, 102)  
}
```

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(215, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 0, 102) }
```

Border

The CSS property to change the border of an element to XYZ 30.4226, 15.4064, 13.9407 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(215, 0, 102) }
```


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

```
.border{ border-color:rgb(215, 0, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 0, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(215, 0,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4226, 15.4064, 13.9407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 0, 102) }
```

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

```
.background{ background-color: rgb(215, 0,  
102) }
```

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