

Converting Colors

XYZ(30.4766, 15.4620, 12.6874)

Have a look what the booklet for
XYZ(30.4766, 15.4620, 12.6874)
contains.

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Color

**XYZ(30.4766, 15.4620,
12.6874)**

Conversions

Conversions Part 1

Format	Color
Hex	D80061
RGB	216, 0, 97
RGB Percent	85%, 0%, 38%
CMY	0.1529, 0.9998, 0.6196
CMYK	0.00, 1.00, 0.55, 0.15
HSL	333°, 100%, 42%
HSV	333°, 100%, 85%
XYZ	30.4766, 15.4620, 12.6874
YIQ	75.6420, 97.5990, 75.9590

Conversions

Conversions Part 2

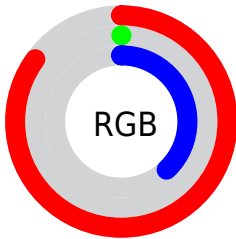
Format	Color
R_{YB}	216, 0, 97
Decimal	14155873
CIE _{Lab}	46.26, 73.86, 9.66
CIE _{LCh}	46, 74.490, 7.451
Yxy	15.4620, 0.5198, 0.2637
Android (android.graphics.Color)	4292345953 (0xFFD80061)
YUV	75.6420, 10.5295, 123.0940
Hunter-Lab	39.3217, 69.5346, 8.3949

Details

The XYZ color **30.4766, 15.4620, 12.6874** 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 **27.8888, 50.4449, 25.7338**, and the grayscale version is **6.7776, 7.1306, 7.7652**.

A 20% lighter version of the original color is **50.1626, 30.6789, 30.8815**, and **13.9240, 7.1090, 3.7703** is the 20% darker color. If you saturate the color by 10%, you get **30.4753, 15.4615, 12.6814**, and if you desaturate by 10%, it is **31.3541, 16.2613, 15.9267**.

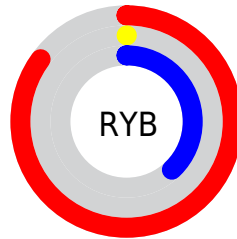
Distribution



Red (85%)

Green (0%)

Blue (38%)



Red (85%)

Yellow (0%)

Blue (38%)

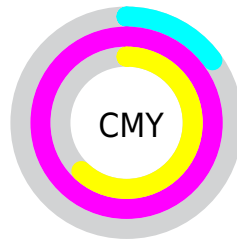


Cyan (0%)

Magenta (100%)

Yellow (55%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4766, 15.4620, 12.6874 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 30.4766, 15.4620, 12.6874 by changing the saturation by 10% instead.


 30.4766, 15.4620,
12.6874


 30.4766, 15.4620,
12.6874


295.9898,
226.1458, 220.0414


 20.3505, 9.1443,
7.0855


 59.7965, 35.6617,
31.4239


 12.7598, 4.8354,
3.4363


 79.7211, 50.3124,
45.3956


 7.3392, 2.1510,
1.3215


 103.6425, 68.5095,
62.9943

 3.7233, 0.6931,
0.0793

 131.9261, 90.6375,
84.6385

 1.5468, 0.0000,
0.0000

 164.9373,
117.0807, 110.7468

 0.3574, 0.0000,
0.0000

 203.0414,

 0.0000, 0.0000,

148.2236, 141.7377

0.0000

246.6038,
184.4505, 178.0297

■ 30.4766, 15.4620,
12.6874

■ 30.4766, 15.4620,
12.6874

■ 30.4753, 15.4615,
12.6814

■ 31.3541, 16.2613,
15.9267

■ 32.6309, 17.7202,
19.7270

■ 34.4137, 20.0471,
24.1402

■ 36.7631, 23.3581,
29.2016

■ 39.7304, 27.7512,
34.9429

■ 43.3609, 33.3125,
41.3933

■ 47.6955, 40.1193,
48.5796

■ 52.7715, 48.2421,
56.5272

■ 58.6235, 57.7463,
65.2599

Harmonies

Analogous

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



29.1431, 15.4620, 34.1692



30.4766, 15.4620, 12.6874



26.7094, 15.4620, 3.2516

Triad

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



30.4766, 15.4620, 12.6874



8.4400, 15.4620, 1.5250



10.4851, 15.4620, 74.3794

Complementary

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



30.4766, 15.4620, 12.6874



27.8888, 50.4449, 25.7338

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.



6.9645, 15.4620, 48.4050



30.4766, 15.4620, 12.6874



6.0438, 15.4620, 6.6547

Square

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



30.4766, 15.4620, 12.6874



13.1657, 15.4620, 0.4124



5.5951, 15.4620, 21.8015



16.3409, 15.4620, 80.9832

Rectangle

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



30.4766, 15.4620, 12.6874



22.3126, 15.4620, 1.2039



5.5951, 15.4620, 21.8015



9.0463, 15.4620, 67.0281

Sweetspot

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



30.4770, 15.4629, 12.6876



69.2507, 58.0964, 70.4118



19.9782, 8.8681, 65.6243



14.2228, 11.4884, 14.0922



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.



30.4770, 15.4629, 12.6876



44.3049, 22.4860, 18.0698



28.4369, 14.8347, 1.3659



12.6527, 12.5126, 14.1112



18.0911, 9.1728, 7.7837



1.1325, 0.5698, 0.6873

Inverse Universe

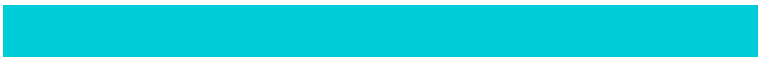
The Inverse Universe completely reimagines the original color for something new.



30.4770, 15.4629, 12.6876



44.3049, 22.4860, 18.0698



34.2749, 48.7175, 72.5625



12.6527, 12.5126, 14.1112



18.0911, 9.1728, 7.7837



1.1325, 0.5698, 0.6873

Previews

White Background



This preview shows how the XYZ color 30.4766, 15.4620, 12.6874 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 30.4766, 15.4620, 12.6874 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 30.4766, 15.4620, 12.6874

Background



This preview shows how black text looks on a background with the XYZ color 30.4766, 15.4620, 12.6874.



This preview shows how white text looks on a background with the XYZ color 30.4766, 15.4620,

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

30.4766, 15.4620, 12.6874

Protanopia

16.2011, 16.2350, 27.4791

Deuteranopia

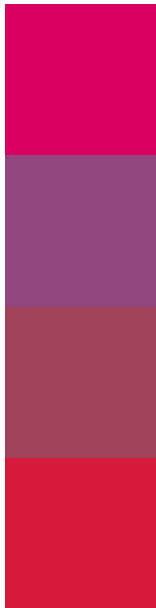
16.2251, 15.9658, 11.4591



Tritanopia

28.8069, 15.8871, 3.3819

Trichromacy



Original Color

30.4766, 15.4620, 12.6874

Protanomaly

17.6320, 12.0069, 20.7903

Deuteranomaly

18.6534, 12.4666, 11.3207

Tritanomaly

29.1614, 15.4581, 5.5844

Monochromacy



Original Color

30.4766, 15.4620, 12.6874

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

11.4096, 7.2660, 9.1886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4766, 15.4620, 12.6874 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(216, 0, 97)` looks like.

```
.text, #text, p{  
    color:rgb(216, 0, 97)  
}
```

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(216, 0, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 0, 97) }
```

Border

The CSS property to change the border of an element to XYZ 30.4766, 15.4620, 12.6874 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(216, 0, 97) }
```


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

```
.border{ border-color:rgb(216, 0, 97) }
```

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

Here you see how a box with a 4 pixel rgb(216, 0, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 0, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 0, 97);  
box-shadow:4px 4px 4px 4px rgb(216, 0, 97)  
}
```

Background

The CSS property to change the background color of an element to XYZ 30.4766, 15.4620, 12.6874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 0, 97) }
```

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

```
.background{ background-color: rgb(216, 0,  
97) }
```

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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