

Converting Colors

XYZ(30.4030, 15.6891, 32.4520)

Have a look what the booklet for
XYZ(30.4030, 15.6891, 32.4520)
contains.

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Color

**XYZ(30.4681, 15.7126,
32.4373)**

Conversions

Conversions Part 1

Format	Color
Hex	C91E9B
RGB	201, 30, 155
RGB Percent	79%, 12%, 61%
CMY	0.2118, 0.8823, 0.3922
CMYK	0.00, 0.85, 0.23, 0.21
HSL	316°, 74%, 45%
HSV	316°, 85%, 79%
XYZ	30.4681, 15.7126, 32.4373
YIQ	95.3790, 61.7910, 75.1270

Conversions

Conversions Part 2

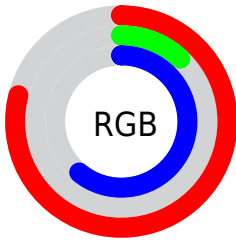
Format	Color
RYB	201, 30, 155
Decimal	13180571
CIELab	46.60, 72.39, -25.65
CIELCh	47, 76.798, 340.487
Yxy	15.7126, 0.3875, 0.1999
Android (android.graphics.Color)	4291370651 (0xFFC91E9B)
YUV	95.3790, 29.3932, 92.6296
Hunter-Lab	39.6391, 67.8333, -20.7705

Details

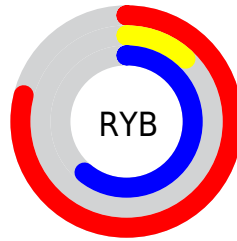
The XYZ color **30.4681, 15.7126, 32.4373** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **22.7276, 42.5718, 13.8594**, and the grayscale version is **10.8911, 11.4583, 12.4781**.

A 20% lighter version of the original color is **57.3347, 34.8368, 64.6751**, and **13.6035, 6.7301, 13.4140** is the 20% darker color. If you saturate the color by 10%, you get **29.6675, 14.8217, 29.9798**, and if you desaturate by 10%, it is **31.6140, 17.2609, 35.1105**.

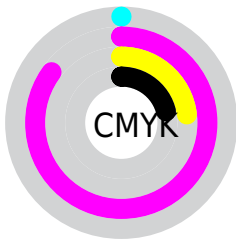
Distribution



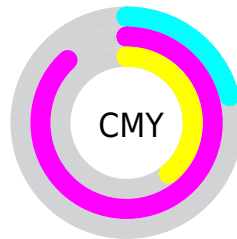
- Red (79%)
- Green (12%)
- Blue (61%)



- Red (79%)
- Yellow (12%)
- Blue (61%)



- Cyan (0%)
- Magenta (85%)
- Yellow (23%)
- Black (21%)




- Cyan (21%)
- Magenta (88%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4681, 15.7126, 32.4373 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 30.4681, 15.7126, 32.4373 by changing the saturation by 10% instead.


 30.4681, 15.7126,
32.4373


 30.4681, 15.7126,
32.4373


295.9511,
227.6398, 327.6604


 20.3440, 9.3210,
21.4282


 59.7832, 36.0985,
64.6019


 12.7551, 4.9512,
13.2430

 79.7050, 50.8617,
86.5944


 7.3359, 2.2186,
7.4634

 103.6233, 69.1841,
113.0851

 3.7213, 0.7301,
3.6708

 131.9035, 91.4503,
144.4925

 1.5457, 0.0000,
1.4465

 164.9111,
118.0445, 181.2352

 0.3566, 0.0000,
0.1776

 203.0113,

 0.0000, 0.0000,

149.3513, 223.7317

0.0000

246.5696,
185.7549, 272.4006

■ 30.4681, 15.7126,
32.4373

■ 30.4681, 15.7126,
32.4373

■ 29.6675, 14.8217,
29.9798

■ 31.6140, 17.2609,
35.1105

■ 29.3482, 14.5218,
28.8293

■ 33.1572, 19.5712,
38.0176

■ 35.1423, 22.7318,
41.1750

■ 37.6073, 26.8187,
44.5964

■ 40.5862, 31.8990,
48.2945

■ 44.1096, 38.0339,
52.2805

■ 48.2058, 45.2794,
56.5651

■ 52.9011, 53.6876,
61.1582

■ 58.2199, 63.3075,
66.0691

Harmonies

Analogous

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



24.8389, 15.7126, 62.6319



30.4681, 15.7126, 32.4373



31.3113, 15.7126, 11.2846

Triad

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



30.4681, 15.7126, 32.4373



12.7314, 15.7126, 0.3371



7.1834, 15.7126, 53.4655

Complementary

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



30.4681, 15.7126, 32.4373



22.7276, 42.5718, 13.8594

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.



5.5768, 15.7126, 24.6541



30.4681, 15.7126, 32.4373



8.0903, 15.7126, 1.6521

Square

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



30.4681, 15.7126, 32.4373



19.6119, 15.7126, 0.5558



5.8506, 15.7126, 7.5788



11.0668, 15.7126, 79.7864

Rectangle

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



30.4681, 15.7126, 32.4373



28.8401, 15.7126, 4.4633



5.8506, 15.7126, 7.5788



6.4199, 15.7126, 43.1328

Sweetspot

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



30.4686, 15.7134, 32.4376



74.6831, 63.6502, 88.5954



13.9570, 6.6669, 55.8100



15.5178, 12.8071, 18.4427



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.



30.4686, 15.7134, 32.4376



50.1453, 24.8221, 48.8244



25.6549, 13.7879, 7.0888



10.9566, 10.7660, 12.7548



18.4927, 9.1467, 18.3364



0.9047, 0.4447, 1.0211

Inverse Universe

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



30.4686, 15.7134, 32.4376



50.1453, 24.8221, 48.8244



27.8648, 44.6267, 40.9114



10.9566, 10.7660, 12.7548



18.4927, 9.1467, 18.3364



0.9047, 0.4447, 1.0211

Previews

White Background



This preview shows how the XYZ color 30.4681, 15.7126, 32.4373 looks on a white background.

Color Contrast Check

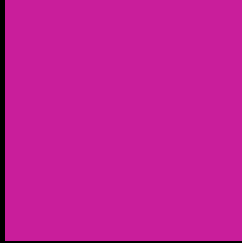
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4681, 15.7126, 32.4373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

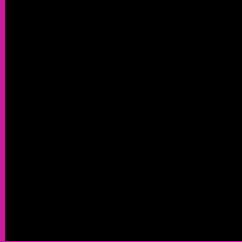
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.4681, 15.7126, 32.4373

Background



This preview shows how black text looks on a background with the XYZ color 30.4681, 15.7126, 32.4373.



This preview shows how white text looks on a background with the XYZ color 30.4681, 15.7126,

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

30.4681, 15.7126, 32.4373

Protanopia

18.8654, 16.2840, 65.7671

Deuteranopia

16.4732, 16.1702, 29.4471



Tritanopia

25.2705, 15.7954, 7.3471

Trichromacy



Original Color

30.4681, 15.7126, 32.4373



Protanomaly

18.4382, 12.6517, 51.9223



Deuteranomaly

19.0147, 13.5438, 30.0458



Tritanomaly

26.5993, 15.3366, 13.6149

Monochromacy



Original Color

30.4681, 15.7126, 32.4373



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

15.2956, 10.8592, 18.1195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4681, 15.7126, 32.4373 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(201, 30, 155)` looks like.

```
.text, #text, p{  
    color:rgb(201, 30, 155)  
}
```

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(201, 30, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 30, 155) }
```

Border

The CSS property to change the border of an element to XYZ 30.4681, 15.7126, 32.4373 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(201, 30, 155) }
```


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

```
.border{ border-color:rgb(201, 30, 155) }
```

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

Here you see how a box with a 4 pixel rgb(201, 30, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 30, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 30, 155);  
box-shadow:4px 4px 4px 4px rgb(201, 30,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4681, 15.7126, 32.4373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 30, 155) }
```

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

```
.background{ background-color: rgb(201, 30,  
155) }
```

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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