

Converting Colors

XYZ(30.7223, 11.9763, 46.1312)

Have a look what the booklet for
XYZ(30.7223, 11.9763, 46.1312)
contains.

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Color

**XYZ(32.7391, 15.8782,
46.6867)**

Conversions

Conversions Part 1

Format	Color
Hex	C900B8
RGB	201, 0, 184
RGB Percent	79%, 0%, 72%
CMY	0.2118, 0.9999, 0.2784
CMYK	0.00, 1.00, 0.08, 0.21
HSL	305°, 100%, 39%
HSV	305°, 100%, 79%
XYZ	32.7391, 15.8782, 46.6867
YIQ	81.0750, 60.7320, 99.8360

Conversions

Conversions Part 2

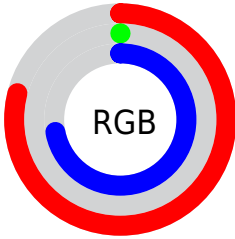
Format	Color
RYB	201, 0, 184
Decimal	13172920
CIELab	46.81, 79.74, -42.51
CIELCh	47, 90.367, 331.936
Yxy	15.8782, 0.3435, 0.1666
Android (android.graphics.Color)	4291363000 (0xFFC900B8)
YUV	81.0750, 50.7420, 105.1742
Hunter-Lab	39.8475, 76.9245, -41.5731

Details

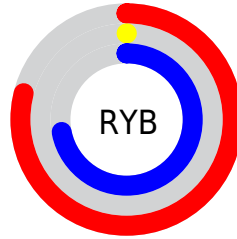
The XYZ color **32.7391, 15.8782, 46.6867** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **20.9886, 41.8144, 7.4963**, and the grayscale version is **7.7339, 8.1367, 8.8609**.

A 20% lighter version of the original color is **60.8583, 35.0930, 86.7851**, and **15.1846, 7.3625, 21.7399** is the 20% darker color. If you saturate the color by 10%, you get **32.7391, 15.8782, 46.6855**, and if you desaturate by 10%, it is **33.1712, 16.4550, 47.7155**.

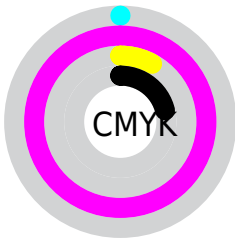
Distribution



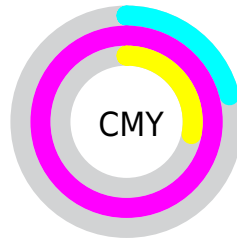
- Red (79%)
- Green (0%)
- Blue (72%)



- Red (79%)
- Yellow (0%)
- Blue (72%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (21%)



- Cyan (21%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7391, 15.8782, 46.6867 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 32.7391, 15.8782, 46.6867 by changing the saturation by 10% instead.

32.7391, 15.8782,
46.6867

32.7391, 15.8782,
46.6867

306.1583,
228.6219, 389.9201

22.0849, 9.4380,
32.4355

63.3254, 36.3866,
86.5909

14.0363, 5.0280,
21.4268

83.9882, 51.2236,
113.0809

8.2278, 2.2637,
13.2420

108.7180, 69.6284,
144.4876

4.2941, 0.7544,
7.4627

137.8801, 91.9853,
181.2295

1.8698, 0.0000,
3.6703

171.8398,
118.6787, 223.7251

0.5592, 0.0000,
1.4463

210.9625,

0.0000, 0.0000,

150.0930, 272.3931

0.1774

255.6135,
186.6126, 327.6519

■ 0.0000, 0.0000,
0.0000

■ 32.7391, 15.8782,
46.6867

■ 32.7391, 15.8782,
46.6867

■ 32.7391, 15.8782,
46.6855

■ 33.1712, 16.4550,
47.7155

■ 33.8668, 17.5558,
48.8427

■ 34.9171, 19.3626,
50.0988

■ 36.3700, 21.9710,
51.4997

■ 38.2660, 25.4621,
53.0591

■ 40.6405, 29.9069,
54.7887

■ 43.5255, 35.3691,
56.6992

■ 46.9502, 41.9071,
58.8005

■ 50.9414, 49.5748,
61.1015

Harmonies

Analogous

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



24.5795, 15.8782, 86.1604



32.7391, 15.8782, 46.6867



35.7923, 15.8782, 15.8672

Triad

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



32.7391, 15.8782, 46.6867



14.5869, 15.8782, 0.0000



5.5572, 15.8782, 51.7724

Complementary

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



32.7391, 15.8782, 46.6867



20.9886, 41.8144, 7.4963

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.



4.4668, 15.8782, 18.7925



32.7391, 15.8782, 46.6867



8.4265, 15.8782, 0.2815

Square

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



32.7391, 15.8782, 46.6867



23.3756, 15.8782, 0.0680



5.2990, 15.8782, 3.8752



9.0405, 15.8782, 90.4976

Rectangle

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



32.7391, 15.8782, 46.6867



33.8964, 15.8782, 5.6373



5.2990, 15.8782, 3.8752



4.9664, 15.8782, 39.0192

Sweetspot

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



32.7397, 15.8790, 46.6870



74.2855, 60.1103, 96.9248



10.7702, 4.3349, 55.5279



15.4282, 11.9705, 20.4395



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.



32.7397, 15.8790, 46.6870



56.0094, 27.1678, 79.7045



25.6791, 13.0547, 9.5063



11.0429, 10.8006, 13.2092



20.6016, 9.9902, 29.4417



0.9872, 0.4777, 1.4556

Inverse Universe

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



32.7397, 15.8790, 46.6870



56.0094, 27.1678, 79.7045



24.1136, 43.0644, 23.9522



11.0429, 10.8006, 13.2092



20.6016, 9.9902, 29.4417



0.9872, 0.4777, 1.4556

Previews

White Background



This preview shows how the XYZ color 32.7391, 15.8782, 46.6867 looks on a white background.

Color Contrast Check

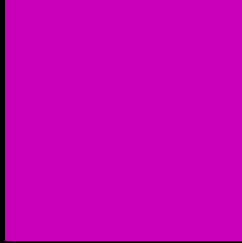
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7391, 15.8782, 46.6867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

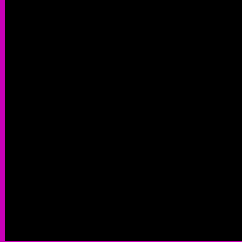
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 32.7391, 15.8782, 46.6867

Background



This preview shows how black text looks on a background with the XYZ color 32.7391, 15.8782, 46.6867.



This preview shows how white text looks on a background with the XYZ color 32.7391, 15.8782,

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

32.7391, 15.8782, 46.6867

Protanopia

19.8924, 16.7068, 77.7776

Deuteranopia

17.0152, 16.6664, 41.8553



Tritanopia

25.1428, 16.2469, 8.8320

Trichromacy



Original Color

32.7391, 15.8782, 46.6867



Protanomaly

17.0134, 10.5278, 64.7537



Deuteranomaly

18.8574, 12.2447, 42.9645



Tritanomaly

26.6351, 14.8170, 17.9791

Monochromacy



Original Color

32.7391, 15.8782, 46.6867



Achromatopsia

7.8210, 8.2283, 8.9606



Achromatomaly

12.9555, 8.1240, 18.0248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7391, 15.8782, 46.6867 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, 0, 184)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 184)  
}
```

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, 0, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 184) }
```

Border

The CSS property to change the border of an element to XYZ 32.7391, 15.8782, 46.6867 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, 0, 184) }
```


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

```
.border{ border-color:rgb(201, 0, 184) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(201, 0,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7391, 15.8782, 46.6867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 184) }
```

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

```
.background{ background-color: rgb(201, 0,  
184) }
```

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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