

Converting Colors

XYZ(30.7544, 15.6525, 71.7733)

Have a look what the booklet for
XYZ(30.7544, 15.6525, 71.7733)
contains.

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Color

**XYZ(30.7174, 15.6182,
71.9166)**

Conversions

Conversions Part 1

Format	Color
Hex	A92CE0
RGB	169, 44, 224
RGB Percent	66%, 17%, 88%
CMY	0.3372, 0.8274, 0.1216
CMYK	0.25, 0.80, 0.00, 0.12
HSL	282°, 74%, 53%
HSV	282°, 80%, 88%
XYZ	30.7174, 15.6182, 71.9166
YIQ	101.8950, 16.7200, 82.4800

Conversions

Conversions Part 2

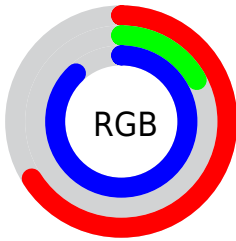
Format	Color
R _Y B	169, 44, 224
Decimal	11087072
CIE Lab	46.47, 73.86, -66.47
CIE LCh	46, 99.365, 318.015
Yxy	15.6182, 0.2598, 0.1321
Android (android.graphics.Color)	4289277152 (0xFFA92CE0)
YUV	101.8950, 60.1978, 58.8511
Hunter-Lab	39.5199, 69.5820, -80.2295

Details

The XYZ color **30.7174, 15.6182, 71.9166** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **32.2562, 56.1461, 11.5204**, and the grayscale version is **12.4478, 13.0961, 14.2616**.

A 20% lighter version of the original color is **55.4147, 33.9812, 98.2461**, and **13.6234, 6.2067, 37.5258** is the 20% darker color. If you saturate the color by 10%, you get **28.6665, 13.6386, 71.6429**, and if you desaturate by 10%, it is **33.2964, 18.5379, 72.3445**.

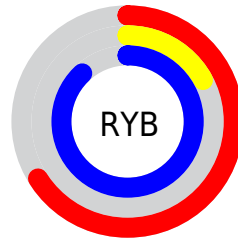
Distribution



Red (66%)

Green (17%)

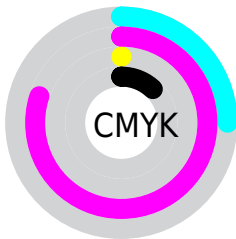
Blue (88%)



Red (66%)

Yellow (17%)

Blue (88%)

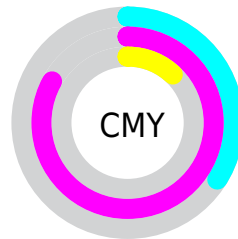


Cyan (25%)

Magenta (80%)

Yellow (0%)

Black (12%)



Cyan (34%)

Magenta (83%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7174, 15.6182, 71.9166 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 30.7174, 15.6182, 71.9166 by changing the saturation by 10% instead.

■ 30.7174, 15.6182,
71.9166

■ 30.7174, 15.6182,
71.9166

297.0844,
227.0781, 486.2210

■ 20.5345, 9.2544,
52.6041

■ 60.1737, 35.9341,
123.6446

■ 12.8947, 4.9075,
37.1013

■ 80.1779, 50.6550,
156.8971

■ 7.4326, 2.1931,
24.9895

■ 104.1866, 68.9303,
195.6335

■ 3.7828, 0.7162,
15.8503

■ 132.5651, 91.1446,
240.2722

■ 1.5800, 0.0000,
9.2651

■ 165.6787,
117.6821, 291.2317

■ 0.3793, 0.0000,
4.8153

■ 203.8930,

■ 0.0000, 0.0000,

148.9272, 348.9307

2.0825

247.5731,
185.2645, 413.7876

■ 0.0000, 0.0000,
0.6053

■ 0.0000, 0.0000,
0.0000

■ 30.7174, 15.6182,
71.9166

■ 30.7174, 15.6182,
71.9166

■ 28.6665, 13.6386,
71.6429

■ 33.2964, 18.5379,
72.3445

■ 27.0794, 12.4057,
71.4886

■ 36.4657, 22.5234,
72.9468

■ 40.2807, 27.6827,
73.7415

■ 44.7889, 34.1095,
74.7444

■ 50.0334, 41.8881,
75.9694

■ 56.0533, 51.0953,
77.4293

■ 62.8849, 61.8021,
79.1359

■ 70.5620, 74.0748,
81.1001

■ 79.1165, 87.9754,
83.3323

Harmonies

Analogous

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



20.5291, 15.6182, 112.5154



30.7174, 15.6182, 71.9166



37.4216, 15.6182, 28.7713

Triad

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



30.7174, 15.6182, 71.9166



18.5255, 15.6182, 0.0000



4.0592, 15.6182, 36.1089

Complementary

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



30.7174, 15.6182, 71.9166



32.2562, 56.1461, 11.5204

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.



3.8736, 15.6182, 8.9847



30.7174, 15.6182, 71.9166



10.3202, 15.6182, 0.0000

Square

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



30.7174, 15.6182, 71.9166



28.7750, 15.6182, 0.4377



5.6734, 15.6182, 0.9544



6.3417, 15.6182, 81.4649

Rectangle

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



30.7174, 15.6182, 71.9166



37.7890, 15.6182, 11.2512



5.6734, 15.6182, 0.9544



3.7934, 15.6182, 24.4481

Sweetspot

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



30.7182, 15.6188, 71.9170



71.9892, 63.5989, 103.0893



19.1474, 15.2253, 72.4509



14.7934, 12.6735, 21.9165



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.



30.7182, 15.6188, 71.9170



37.0301, 17.1690, 95.9700



41.0455, 21.4106, 51.2601



13.8661, 13.7145, 17.3040



15.8843, 7.2840, 41.6171



1.1909, 0.5512, 2.8889

Inverse Universe

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



33.8936, 18.5499, 13.5988



42.9903, 22.1373, 10.6011



29.0343, 54.3829, 15.9884



13.8788, 13.7692, 15.1319



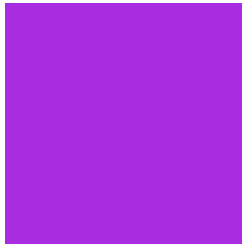
18.5535, 9.4884, 4.3143



1.3251, 0.6733, 0.5048

Previews

White Background



This preview shows how the XYZ color 30.7174, 15.6182, 71.9166 looks on a white background.

Color Contrast Check

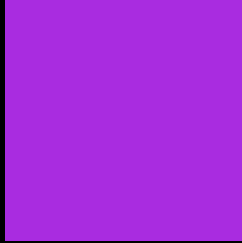
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7174, 15.6182, 71.9166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

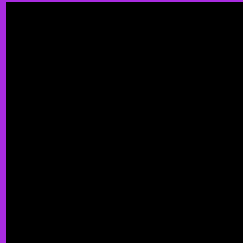
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 30.7174, 15.6182, 71.9166

Background



This preview shows how black text looks on a background with the XYZ color 30.7174, 15.6182, 71.9166.



This preview shows how white text looks on a background with the XYZ color 30.7174, 15.6182,

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

30.7174, 15.6182, 71.9166

Protanopia

18.8483, 15.9516, 73.3197

Deuteranopia

15.9832, 15.8415, 55.0386



Tritanopia

19.0682, 15.6278, 14.5818

Trichromacy



Original Color

30.7174, 15.6182, 71.9166



Protanomaly

18.6854, 12.7690, 72.7140



Deuteranomaly

16.6767, 12.4765, 60.5607



Tritanomaly

21.6774, 14.4123, 28.8335

Monochromacy



Original Color

30.7174, 15.6182, 71.9166



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

16.7349, 12.3958, 28.7047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7174, 15.6182, 71.9166 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(169, 44, 224)` looks like.

```
.text, #text, p{  
    color:rgb(169, 44, 224)  
}
```

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(169, 44, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 44, 224) }
```

Border

The CSS property to change the border of an element to XYZ 30.7174, 15.6182, 71.9166 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(169, 44, 224) }
```


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

```
.border{ border-color:rgb(169, 44, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 44, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 44, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 44, 224);  
box-shadow:4px 4px 4px 4px rgb(169, 44,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7174, 15.6182, 71.9166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 44, 224) }
```

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

```
.background{ background-color: rgb(169, 44,  
224) }
```

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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