

Converting Colors

XYZ(41.8807, 28.7706, 75.2974)

Have a look what the booklet for
XYZ(41.8807, 28.7706, 75.2974)
contains.

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Color

**XYZ(41.8807, 28.7706,
75.2974)**

Conversions

Conversions Part 1

Format	Color
Hex	C271E2
RGB	194, 113, 226
RGB Percent	76%, 44%, 89%
CMY	0.2392, 0.5568, 0.1137
CMYK	0.14, 0.50, 0.00, 0.11
HSL	283°, 66%, 66%
HSV	283°, 50%, 89%
XYZ	41.8807, 28.7706, 75.2974
YIQ	150.1010, 12.0030, 52.3150

Conversions

Conversions Part 2

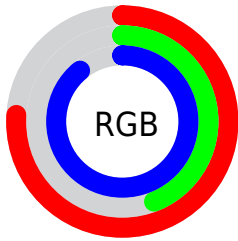
Format	Color
RYB	194, 113, 226
Decimal	12743138
CIELab	60.58, 50.40, -44.83
CIElCh	61, 67.451, 318.345
Yxy	28.7706, 0.2870, 0.1971
Android (android.graphics.Color)	4290933218 (0xFFC271E2)
YUV	150.1010, 37.4182, 38.4994
Hunter-Lab	53.6382, 45.5058, -45.6846

Details

The XYZ color **41.8807, 28.7706, 75.2974** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **41.8549, 61.6054, 25.3091**, and the grayscale version is **28.8760, 30.3798, 33.0836**.

A 20% lighter version of the original color is **72.0136, 55.5529, 101.5350**, and **19.4057, 11.6430, 39.2547** is the 20% darker color. If you saturate the color by 10%, you get **38.0590, 23.5126, 74.4844**, and if you desaturate by 10%, it is **46.4030, 35.3228, 76.3242**.

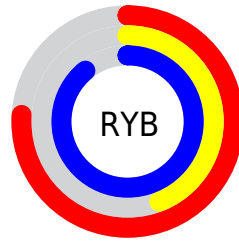
Distribution



Red (76%)

Green (44%)

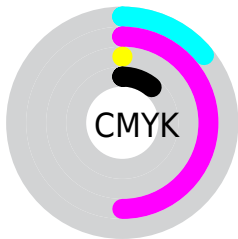
Blue (89%)



Red (76%)

Yellow (44%)

Blue (89%)

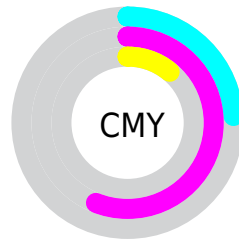


Cyan (14%)

Magenta (50%)

Yellow (0%)

Black (11%)



Cyan (24%)


Magenta (56%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8807, 28.7706, 75.2974 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 41.8807, 28.7706, 75.2974 by changing the saturation by 10% instead.


 41.8807, 28.7706,
75.2974

 41.8807, 28.7706,
75.2974

344.9882,
296.1310, 498.2218


 29.1986, 18.9074,
55.3534


 77.2853, 57.7124,
128.4842

 19.3761, 11.6034,
39.2842


 100.7386, 77.5598,
162.5641

 12.0480, 6.4742,
26.6714


 128.5129,
101.5040, 202.1930

 6.8488, 3.1355,
17.0963


160.9736,
129.9294, 247.7895

 3.4132, 1.2029,
10.1405

198.4862,
163.2204, 299.7720

 1.3759, 0.0641,
5.3854

241.4159,

 0.2389, 0.0000,

201.7614, 358.5593

2.4124

290.1281,
245.9368, 424.5697

■ 0.0000, 0.0000,
0.7932

■ 0.0000, 0.0000,
0.0000

■ 41.8807, 28.7706,
75.2974

■ 41.8807, 28.7706,
75.2974

■ 38.0590, 23.5126,
74.4844

■ 46.4030, 35.3228,
76.3242

■ 34.8863, 19.4498,
73.8674


■ 51.6661, 43.2514,
77.5772


■ 32.3085, 16.4745,
73.4290


■ 57.7108, 52.6356,
79.0699


■ 30.2603, 14.4572,
73.1476

■ 64.5739, 63.5477,
80.8145


 28.6283, 13.1727,
72.9856


 72.2897, 76.0552,
82.8220

 28.6281, 13.1725,
72.9856

 80.8904, 90.2213,
85.1030

 85.0172, 95.3272,
85.8710

 87.2141, 96.4598,
85.9739

 89.4883, 97.6321,
86.0803

Harmonies

Analogous

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



32.9685, 28.7706, 102.5662



41.8807, 28.7706, 75.2974



47.2690, 28.7706, 42.0606

Triad

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



41.8807, 28.7706, 75.2974



30.8739, 28.7706, 3.9079



14.3204, 28.7706, 48.9971

Complementary

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



41.8807, 28.7706, 75.2974



41.8549, 61.6054, 25.3091

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.



13.9939, 28.7706, 22.5939



41.8807, 28.7706, 75.2974



22.4014, 28.7706, 4.2813

Square

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



41.8807, 28.7706, 75.2974



40.0694, 28.7706, 7.4047



16.6352, 28.7706, 9.0249



17.6483, 28.7706, 82.6325

Rectangle

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



41.8807, 28.7706, 75.2974



47.5116, 28.7706, 24.8621



16.6352, 28.7706, 9.0249



13.8866, 28.7706, 38.8238

Sweetspot

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



41.8818, 28.7718, 75.2980



80.1651, 75.9801, 105.0482



30.6666, 29.2589, 75.9832



16.7546, 15.6221, 22.3823



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.



41.8818, 28.7718, 75.2980



49.8586, 30.6712, 97.9000



47.8735, 32.2215, 59.2746



13.8970, 13.7304, 17.3055



16.4540, 7.5777, 41.6438



1.2268, 0.5698, 2.8906

Inverse Universe

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



42.3809, 30.0245, 30.3508



51.1275, 32.8172, 30.5601



38.5575, 59.7242, 33.3461



13.8660, 13.7640, 15.0645



18.4652, 9.4531, 3.8494



1.3176, 0.6703, 0.4655

Previews

White Background



This preview shows how the XYZ color 41.8807, 28.7706, 75.2974 looks on a white background.

Color Contrast Check

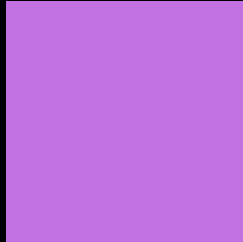
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 41.8807, 28.7706, 75.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

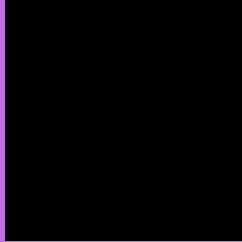
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.8807, 28.7706, 75.2974

Background



This preview shows how black text looks on a background with the XYZ color 41.8807, 28.7706, 75.2974.



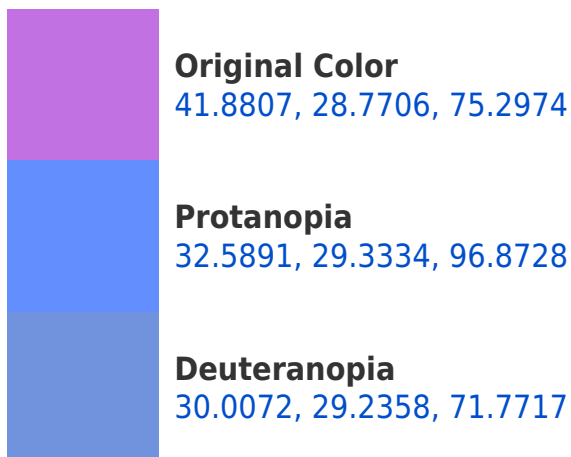
This preview shows how white text looks on a background with the XYZ color 41.8807, 28.7706,

75.2974.

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





Tritanopia

32.6369, 28.7033, 29.8067

Trichromacy



Original Color

41.8807, 28.7706, 75.2974



Protanomaly

34.1018, 27.9601, 88.3935



Deuteranomaly

32.8652, 28.0749, 72.7941



Tritanomaly

35.2534, 28.3779, 43.1546

Monochromacy



Original Color

41.8807, 28.7706, 75.2974



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

32.7074, 29.2127, 46.0342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8807, 28.7706, 75.2974 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(194, 113, 226)` looks like.

```
.text, #text, p{  
    color:rgb(194, 113, 226)  
}
```

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(194, 113, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 113, 226) }
```

Border

The CSS property to change the border of an element to XYZ 41.8807, 28.7706, 75.2974 is called "border". The border property can be set on classes, ids or directly on the HTML element.

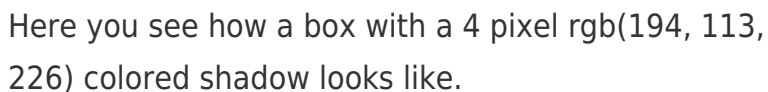
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 113, 226) }
```


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

```
.border{ border-color:rgb(194, 113, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 113, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 113, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 113, 226); box-shadow:4px 4px 4px 4px rgb(194, 113, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8807, 28.7706, 75.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 113, 226) }
```

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

```
.background{ background-color: rgb(194,  
113, 226) }
```

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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