

Converting Colors

XYZ(47.5051, 34.3793, 66.4301)

Have a look what the booklet for
XYZ(47.5051, 34.3793, 66.4301)
contains.

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Color

**XYZ(47.4974, 34.3793,
66.4198)**

Conversions

Conversions Part 1

Format	Color
Hex	D77FD4
RGB	215, 127, 212
RGB Percent	84%, 50%, 83%
CMY	0.1569, 0.5019, 0.1686
CMYK	0.00, 0.41, 0.01, 0.16
HSL	302°, 52%, 67%
HSV	302°, 41%, 84%
XYZ	47.4974, 34.3793, 66.4198
YIQ	163.0020, 25.1630, 45.0910

Conversions

Conversions Part 2

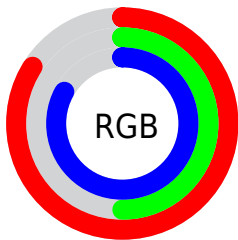
Format	Color
R _Y B	215, 127, 212
Decimal	14122964
CIE Lab	65.26, 46.51, -29.51
CIE LCh	65, 55.081, 327.603
Yxy	34.3793, 0.3203, 0.2318
Android (android.graphics.Color)	4292313044 (0xFFD77FD4)
YUV	163.0020, 24.1560, 45.6022
Hunter-Lab	58.6339, 41.9878, -26.1194

Details

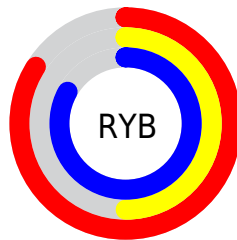
The XYZ color **47.4974, 34.3793, 66.4198** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **37.0836, 54.7259, 29.7298**, and the grayscale version is **34.6961, 36.5030, 39.7517**.

A 20% lighter version of the original color is **76.0179, 61.9359, 102.5560**, and **22.7024, 14.7356, 33.5460** is the 20% darker color. If you saturate the color by 10%, you get **44.9194, 29.3702, 65.1055**, and if you desaturate by 10%, it is **50.6706, 40.5765, 67.9352**.

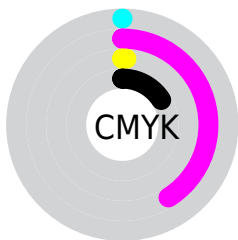
Distribution



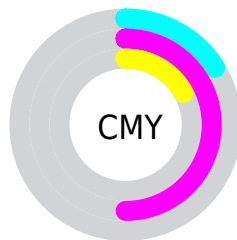
- Red (84%)
- Green (50%)
- Blue (83%)



- Red (84%)
- Yellow (50%)
- Blue (83%)



- Cyan (0%)
- Magenta (41%)
- Yellow (1%)
- Black (16%)





- Cyan (16%)
- Magenta (50%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4974, 34.3793, 66.4198 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 47.4974, 34.3793, 66.4198 by changing the saturation by 10% instead.

 47.4974, 34.3793,
66.4198


 47.4974, 34.3793,
66.4198


367.4123,
321.8200, 466.3219


 33.6386, 23.1851,
48.1546


 85.6698, 66.5231,
115.7214

 22.7777, 14.7303,
33.5885


 110.7142, 88.2415,
147.5949

 14.5492, 8.6303,
22.3029


 140.2179,
114.2368, 184.8416

 8.5879, 4.5008,
13.8792

174.5461,
144.8933, 227.8800

 4.5283, 1.9575,
7.8989

214.0643,
180.5955, 277.1287

 2.0051, 0.5826,
3.9435

259.1379,

 0.6369, 0.0000,

221.7278, 333.0062

1.5944

310.1321,
268.6745, 395.9311

■ 0.0000, 0.0000,
0.2868

■ 0.0000, 0.0000,
0.0000

■ 47.4974, 34.3793,
66.4198

■ 47.4974, 34.3793,
66.4198

■ 44.9194, 29.3702,
65.1055

■ 50.6706, 40.5765,
67.9352

■ 42.8950, 25.4685,
63.9775


■ 54.4701, 48.0266,
69.6612


■ 41.3830, 22.5909,
63.0223


■ 58.9292, 56.7950,
71.6091


■ 40.3349, 20.6403,
62.2238


■ 64.0776, 66.9415,
73.7889


 39.6927, 19.5009,
61.5627


 69.9434, 78.5220,
76.2098

 39.3693, 18.9851,
61.0511

 76.2312, 90.9459,
78.7736

 76.3265, 90.9840,
79.2752

 76.4221, 91.0222,
79.7791

 76.5183, 91.0607,
80.2851

Harmonies

Analogous

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



40.3522, 34.3793, 91.7703



47.4974, 34.3793, 66.4198



50.6252, 34.3793, 39.3103

Triad

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



47.4974, 34.3793, 66.4198



33.3255, 34.3793, 8.3806



20.8309, 34.3793, 61.8415

Complementary

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



47.4974, 34.3793, 66.4198



37.0836, 54.7259, 29.7298

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.



19.5676, 34.3793, 35.6168



47.4974, 34.3793, 66.4198



26.0417, 34.3793, 10.3568

Square

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



47.4974, 34.3793, 66.4198



41.6513, 34.3793, 11.1608



21.3121, 34.3793, 18.4115



25.0934, 34.3793, 88.4537

Rectangle

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



47.4974, 34.3793, 66.4198



49.6827, 34.3793, 25.6063



21.3121, 34.3793, 18.4115



20.0752, 34.3793, 52.4348

Sweetspot

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



47.4985, 34.3808, 66.4205



85.8857, 81.9395, 105.0187



29.0524, 24.8274, 67.5519



18.1890, 17.1565, 22.3944



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.



47.4985, 34.3808, 66.4205



66.6007, 44.1872, 96.0700



42.6892, 32.4571, 41.0949



12.9339, 12.6251, 15.5921



23.5556, 11.3586, 36.5596



1.4266, 0.6874, 2.2360

Inverse Universe

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



47.4985, 34.3808, 66.4205



66.6007, 44.1872, 96.0700



40.6877, 56.1676, 48.7089



12.9339, 12.6251, 15.5921



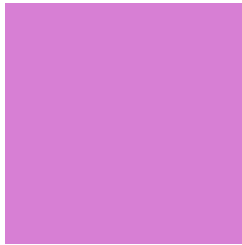
23.5556, 11.3586, 36.5596



1.4266, 0.6874, 2.2360

Previews

White Background



This preview shows how the XYZ color 47.4974, 34.3793, 66.4198 looks on a white background.

Color Contrast Check

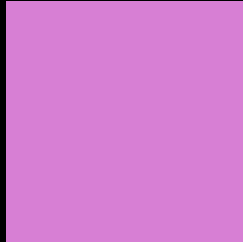
Large Text (above 18pt) WCAG AA × Fail

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 47.4974, 34.3793, 66.4198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

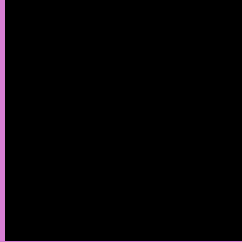
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4974, 34.3793, 66.4198

Background



This preview shows how black text looks on a background with the XYZ color 47.4974, 34.3793, 66.4198.

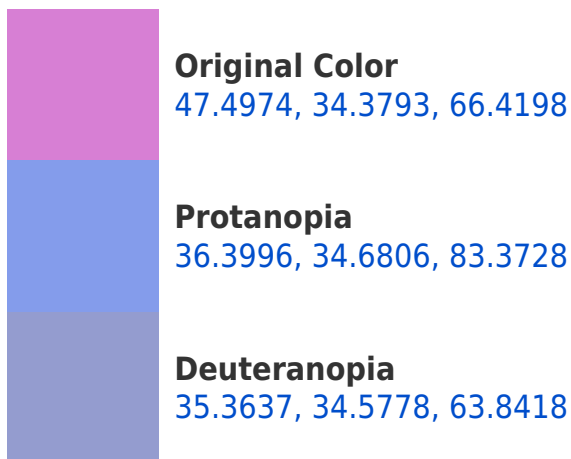


This preview shows how white text looks on a background with the XYZ color 47.4974, 34.3793,

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

40.6961, 34.2559, 33.7453

Trichromacy



Original Color

47.4974, 34.3793, 66.4198



Protanomaly

38.8908, 33.4782, 77.0852



Deuteranomaly

38.6473, 33.6249, 64.7749



Tritanomaly

42.7851, 34.0467, 43.8518

Monochromacy



Original Color

47.4974, 34.3793, 66.4198



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

38.5382, 35.0940, 48.4587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4974, 34.3793, 66.4198 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(215, 127, 212)` looks like.

```
.text, #text, p{  
    color:rgb(215, 127, 212)  
}
```

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(215, 127, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 127, 212) }
```

Border

The CSS property to change the border of an element to XYZ 47.4974, 34.3793, 66.4198 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(215, 127, 212) }
```


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

```
.border{ border-color:rgb(215, 127, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 127, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 127, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 127, 212);  
box-shadow:4px 4px 4px 4px rgb(215, 127,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4974, 34.3793, 66.4198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 127, 212) }
```

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

```
.background{ background-color: rgb(215,  
127, 212) }
```

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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