

Converting Colors

XYZ(51.4477, 40.5810, 74.2794)

Have a look what the booklet for
XYZ(51.4477, 40.5810, 74.2794)
contains.

XYZ(51.3501, 40.4375, 74.2060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.3501, 40.4375,
74.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	D693DE
RGB	214, 147, 222
RGB Percent	84%, 58%, 87%
CMY	0.1608, 0.4235, 0.1294
CMYK	0.04, 0.34, 0.00, 0.13
HSL	294°, 53%, 72%
HSV	294°, 34%, 87%
XYZ	51.3501, 40.4375, 74.2060
YIQ	175.5830, 15.8570, 37.5290

Conversions

Conversions Part 2

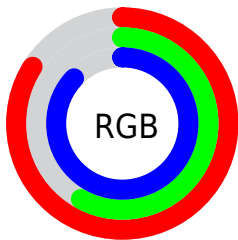
Format	Color
RYB	214, 147, 222
Decimal	14062558
CIELab	69.78, 37.49, -28.11
CIElCh	70, 46.854, 323.137
Yxy	40.4375, 0.3093, 0.2436
Android (android.graphics.Color)	4292252638 (0xFFD693DE)
YUV	175.5830, 22.8836, 33.6917
Hunter-Lab	63.5905, 32.8576, -24.6743

Details

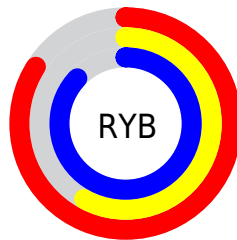
The XYZ color **51.3501, 40.4375, 74.2060** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.9066, 61.3187, 37.0745**, and the grayscale version is **40.9301, 43.0616, 46.8941**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **25.1678, 18.2435, 38.7541** is the 20% darker color. If you saturate the color by 10%, you get **47.5397, 33.8345, 73.1329**, and if you desaturate by 10%, it is **55.8392, 48.3814, 75.5033**.

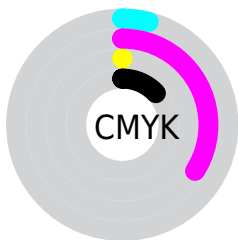
Distribution



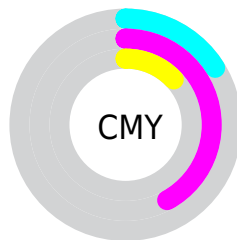
- Red (84%)
- Green (58%)
- Blue (87%)



- Red (84%)
- Yellow (58%)
- Blue (87%)



- Cyan (4%)
- Magenta (34%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3501, 40.4375, 74.2060 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 51.3501, 40.4375, 74.2060 by changing the saturation by 10% instead.

51.3501, 40.4375,
74.2060

51.3501, 40.4375,
74.2060

382.2878,
347.9641, 494.3664

36.7095, 27.8798,
54.4649

91.3520, 75.8293,
126.9245

25.1553, 18.2351,
38.5777

117.4440, 99.4321,
160.7390

16.3221, 11.1189,
26.1261

148.0838,
127.4855, 200.0816

9.8447, 6.1469,
16.6914

183.6368,
160.3738, 245.3710

5.3576, 2.9346,
9.8551

224.4683,
198.4815, 297.0256

2.4955, 1.0977,
5.1986

270.9438,

0.8930, 0.0000,

242.1928, 355.4640

2.3035

323.4285,
291.8922, 421.1048

■ 0.0000, 0.0000,
0.7332

■ 0.0000, 0.0000,
0.0000

■ 51.3501, 40.4375,
74.2060

■ 51.3501, 40.4375,
74.2060

■ 47.5397, 33.8345,
73.1329

■ 55.8392, 48.3814,
75.5033

■ 44.3657, 28.4901,
72.2686

■ 61.0386, 57.7318,
77.0341

■ 41.7869, 24.3214,
71.5999

■ 66.9825, 68.5561,
78.8101

■ 39.7557, 21.2331,
71.1109

■ 73.7017, 80.9159,
80.8417

■ 38.2170, 19.1152,
70.7832

■ 80.2591, 92.9370,
82.8164

■ 37.1039, 17.8339,
70.5945

■ 81.0062, 93.3222,
82.8513

■ 36.5586, 17.3235,
70.5248

■ 81.7635, 93.7126,
82.8868

■ 82.5312, 94.1083,
82.9227

■ 83.3092, 94.5094,
82.9591

Harmonies

Analogous

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



44.4666, 40.4375, 94.8082



51.3501, 40.4375, 74.2060



54.8430, 40.4375, 49.2214

Triad

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



51.3501, 40.4375, 74.2060



40.2071, 40.4375, 14.1810



26.5034, 40.4375, 62.6040

Complementary

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



51.3501, 40.4375, 74.2060



44.9066, 61.3187, 37.0745

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.



25.6765, 40.4375, 39.2162



51.3501, 40.4375, 74.2060



32.9744, 40.4375, 15.6709

Square

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



51.3501, 40.4375, 74.2060



47.8832, 40.4375, 18.3187



27.8896, 40.4375, 23.3949



30.3187, 40.4375, 86.7123

Rectangle

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



51.3501, 40.4375, 74.2060



54.4917, 40.4375, 35.1870



27.8896, 40.4375, 23.3949



25.8893, 40.4375, 54.2418

Sweetspot

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



51.3514, 40.4393, 74.2069



86.4543, 84.2835, 106.3195



37.0657, 35.1720, 73.9431



18.2644, 17.6035, 22.6851



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.



51.3514, 40.4393, 74.2069



66.2840, 48.3826, 100.4530



50.2127, 40.2601, 55.7243



14.1435, 13.8575, 17.3170



21.7719, 10.3191, 41.8926



1.5510, 0.7368, 2.9057

Inverse Universe

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



46.4756, 38.7653, 36.0450



58.7045, 45.8111, 39.7453



45.9670, 61.5713, 50.4081



13.7664, 13.7242, 14.5398



18.0088, 9.2705, 1.4459



1.2686, 0.6507, 0.2071

Previews

White Background



This preview shows how the XYZ color 51.3501, 40.4375, 74.2060 looks on a white background.

Color Contrast Check

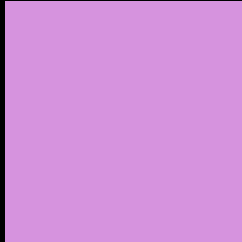
Large Text (above 18pt) WCAG AA × Fail

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 51.3501, 40.4375, 74.2060 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 51.3501, 40.4375, 74.2060

Background



This preview shows how black text looks on a background with the XYZ color 51.3501, 40.4375, 74.2060.



This preview shows how white text looks on a background with the XYZ color 51.3501, 40.4375,

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

51.3501, 40.4375, 74.2060

Protanopia

42.0129, 40.6623, 86.5232

Deuteranopia

41.7618, 40.8537, 72.0141



Tritanopia

45.2147, 40.6214, 43.4879

Trichromacy



Original Color

51.3501, 40.4375, 74.2060



Protanomaly

44.3699, 39.8520, 81.6976



Deuteranomaly

44.6484, 40.2012, 72.4242



Tritanomaly

47.3193, 40.4870, 53.4649

Monochromacy



Original Color

51.3501, 40.4375, 74.2060



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

44.3160, 41.7077, 56.1668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3501, 40.4375, 74.2060 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(214, 147, 222)` looks like.

```
.text, #text, p{  
    color:rgb(214, 147, 222)  
}
```

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(214, 147, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 147, 222) }
```

Border

The CSS property to change the border of an element to XYZ 51.3501, 40.4375, 74.2060 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(214, 147, 222) }
```


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

```
.border{ border-color:rgb(214, 147, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 147, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 147, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 147, 222);  
box-shadow:4px 4px 4px 4px rgb(214, 147,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3501, 40.4375, 74.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 147, 222) }
```

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

```
.background{ background-color: rgb(214,  
147, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor