

Converting Colors

XYZ(75.4561, 71.9177, 99.4452)

Have a look what the booklet for
XYZ(75.4561, 71.9177, 99.4452)
contains.

XYZ(75.5674, 71.9310, 99.5238)	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(75.5674, 71.9310,
99.5238)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD4F9
RGB	237, 212, 249
RGB Percent	93%, 83%, 98%
CMY	0.0706, 0.1686, 0.0235
CMYK	0.05, 0.15, 0.00, 0.02
HSL	281°, 76%, 90%
HSV	281°, 15%, 98%
XYZ	75.5674, 71.9310, 99.5238
YIQ	223.6930, 3.0230, 16.8070

Conversions

Conversions Part 2

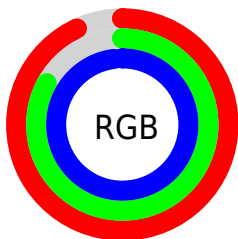
Format	Color
R_{YB}	237, 212, 249
Decimal	15586553
CIE _{Lab}	87.94, 15.20, -14.90
CIE _{LCh}	88, 21.286, 315.580
Yxy	71.9310, 0.3059, 0.2912
Android (android.graphics.Color)	4293776633 (0xFFEDD4F9)
YUV	223.6930, 12.4764, 11.6702
Hunter-Lab	84.8121, 10.6218, -10.2060

Details

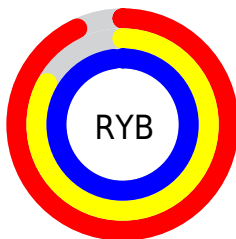
The XYZ color **75.5674, 71.9310, 99.5238** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.5024, 88.3540, 75.3128**, and the grayscale version is **70.5466, 74.2205, 80.8261**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7387, 37.7880, 55.5987** is the 20% darker color. If you saturate the color by 10%, you get **67.1811, 59.0707, 97.4846**, and if you desaturate by 10%, it is **85.0393, 86.7798, 101.8918**.

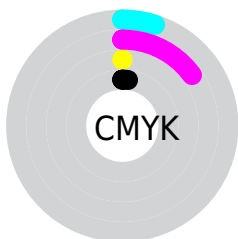
Distribution



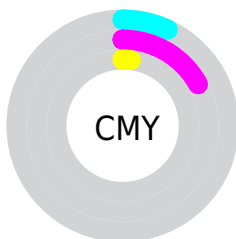
- Red (93%)
- Green (83%)
- Blue (98%)



- Red (93%)
- Yellow (83%)
- Blue (98%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5674, 71.9310, 99.5238 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 75.5674, 71.9310, 99.5238 by changing the saturation by 10% instead.

75.5674, 71.9310,
99.5238

75.5674, 71.9310,
99.5238

468.8327,
467.3014, 579.8985

56.3737, 53.1023,
75.2882

126.0988,
121.9584, 162.5488

40.7408, 37.8845,
55.3459

158.1672,
153.9260, 202.1753

28.3034, 25.8930,
39.2783

195.2579,
191.0419, 247.7692

18.6961, 16.7436,
26.6668

237.7362,
233.6906, 299.7490

11.5536, 10.0519,
17.0929

285.9675,
282.2565, 358.5333

6.5105, 5.4334,
10.1381

340.3171,

3.2015, 2.5037,

337.1240, 424.5406

5.3838

401.1504,
398.6775, 498.1895

■ 1.2612, 0.8785,
2.4115

■ 0.1539, 0.0000,
0.7927

■ 75.5674, 71.9310,
99.5238

■ 75.5674, 71.9310,
99.5238

■ 67.1811, 59.0707,
97.4846

■ 85.0393, 86.7798,
101.8918

■ 59.8285, 48.1011,
95.7548

■ 93.4233, 99.2713,
103.8610

■ 53.4630, 38.9300,
94.3201

■ 94.0991, 99.6196,
103.8926

■ 48.0313, 31.4536,
93.1633

■ 43.4750, 25.5572,
92.2653

■ 39.7282, 21.1116,
91.6047

■ 36.7144, 17.9666,
91.1565

■ 34.3399, 15.9376,
90.8900

■ 33.2985, 15.1907,
90.8007

Harmonies

Analogous

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



71.0192, 71.9310, 108.3979



75.5674, 71.9310, 99.5238



78.2474, 71.9310, 85.4785

Triad

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



75.5674, 71.9310, 99.5238



70.8239, 71.9310, 54.2808



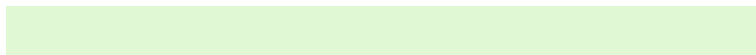
59.4042, 71.9310, 86.0583

Complementary

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



75.5674, 71.9310, 99.5238



76.5024, 88.3540, 75.3128

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.



59.3578, 71.9310, 71.5740



75.5674, 71.9310, 99.5238



65.7841, 71.9310, 54.3954

Square

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



75.5674, 71.9310, 99.5238



75.4184, 71.9310, 60.0302



61.6415, 71.9310, 60.3655



61.7718, 71.9310, 99.9933

Rectangle

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



75.5674, 71.9310, 99.5238



78.5331, 71.9310, 75.6381



61.6415, 71.9310, 60.3655



59.1207, 71.9310, 81.0659

Sweetspot

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



75.5696, 71.9341, 99.5254



90.6752, 93.0418, 107.7875



70.9984, 74.3303, 100.2288



19.2367, 19.6431, 23.0276



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.



75.5696, 71.9341, 99.5254



76.8484, 71.4150, 104.3419



78.7650, 73.6907, 94.7361



17.4138, 17.2259, 21.7924



17.9792, 8.2113, 48.6109



1.7762, 0.8177, 4.5074

Inverse Universe

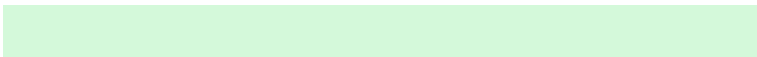
The Inverse Universe completely reimagines the original color for something new.



76.0674, 72.6117, 80.5307



77.5179, 72.2912, 80.3800



73.7063, 86.8210, 79.3206



17.4767, 17.3180, 19.0999



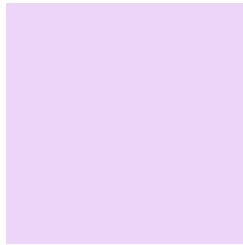
21.7597, 11.1196, 5.4432



2.0617, 1.0484, 0.7485

Previews

White Background



This preview shows how the XYZ color 75.5674, 71.9310, 99.5238 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 75.5674, 71.9310, 99.5238 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 75.5674, 71.9310, 99.5238

Background



This preview shows how black text looks on a background with the XYZ color 75.5674, 71.9310, 99.5238.

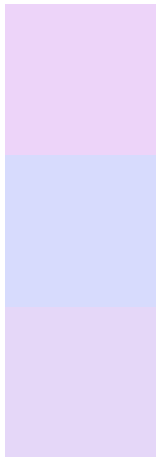


This preview shows how white text looks on a background with the XYZ color 75.5674, 71.9310,

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

75.5674, 71.9310, 99.5238

Protanopia

71.0855, 72.2020, 103.1183

Deuteranopia

73.5568, 72.0362, 98.8345



Tritanopia

72.7976, 71.9195, 86.3889

Trichromacy



Original Color

75.5674, 71.9310, 99.5238

Protanomaly

72.5580, 71.8280, 102.1354

Deuteranomaly

74.2686, 72.0263, 98.7950

Tritanomaly

73.7401, 71.9283, 90.8860

Monochromacy



Original Color

75.5674, 71.9310, 99.5238

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.6143, 73.7276, 87.4945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5674, 71.9310, 99.5238 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(237, 212, 249)` looks like.

```
.text, #text, p{  
    color:rgb(237, 212, 249)  
}
```

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(237, 212, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 212, 249) }
```

Border

The CSS property to change the border of an element to XYZ 75.5674, 71.9310, 99.5238 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(237, 212, 249) }
```


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

```
.border{ border-color:rgb(237, 212, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 212, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 212, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 212, 249);  
box-shadow:4px 4px 4px 4px rgb(237, 212,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5674, 71.9310, 99.5238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 212, 249) }
```

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

```
.background{ background-color: rgb(237,  
212, 249) }
```

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