

Converting Colors

XYZ(74.8067, 75.1310,
112.1383)

Have a look what the booklet for
XYZ(74.8067, 75.1310, 112.1383)
contains.

XYZ(73.3847, 74.5226, 105.1243)	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(73.3847, 74.5226,
105.1243)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDEFF
RGB	219, 222, 255
RGB Percent	86%, 87%, 100%
CMY	0.1412, 0.1294, 0.0000
CMYK	0.14, 0.13, 0.00, 0.00
HSL	235°, 100%, 93%
HSV	235°, 14%, 100%
XYZ	73.3847, 74.5226, 105.1243
YIQ	224.8650, -12.3810, 9.6270

Conversions

Conversions Part 2

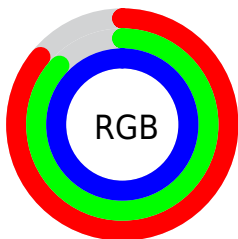
Format	Color
R _Y B	219, 222, 255
Decimal	14409471
CIE Lab	89.17, 5.38, -16.35
CIE LCh	89, 17.209, 288.226
Yxy	74.5226, 0.2900, 0.2945
Android (android.graphics.Color)	4292599551 (0xFFDBDEFF)
YUV	224.8650, 14.8566, -5.1436
Hunter-Lab	86.3265, 0.6686, -11.7720

Details

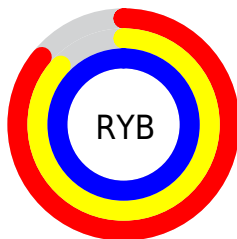
The XYZ color **73.3847, 74.5226, 105.1243** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.8361, 95.9938, 80.8660**, and the grayscale version is **71.3759, 75.0930, 81.7763**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3216, 39.6072, 58.9986** is the 20% darker color. If you saturate the color by 10%, you get **60.5094, 59.3012, 102.8648**, and if you desaturate by 10%, it is **88.2997, 92.0769, 107.7265**.

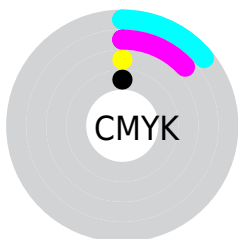
Distribution



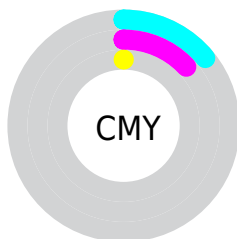
- Red (86%)
- Green (87%)
- Blue (100%)



- Red (86%)
- Yellow (87%)
- Blue (100%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3847, 74.5226, 105.1243 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 73.3847, 74.5226, 105.1243 by changing the saturation by 10% instead.

73.3847, 74.5226,
105.1243

73.3847, 74.5226,
105.1243

461.4302,
476.2751, 597.8861

54.5801, 55.2219,
79.9463

123.0234,
125.6364, 170.2946

39.2981, 39.5794,
59.1482

154.5882,
158.2182, 211.1239

27.1735, 27.2108,
42.3117

191.1370,
195.9958, 258.0073

17.8408, 17.7316,
29.0180

233.0353,
239.3537, 311.3635

10.9348, 10.7574,
18.8487

280.6485,
288.6761, 371.6109

6.0900, 5.9040,
11.3853

334.3417,

2.9410, 2.7868,

344.3476, 439.1681

6.2092

394.4805,
406.7524, 514.4537

■ 1.1227, 1.0215,
2.9019

■ 0.0439, 0.0000,
1.0448

■ 73.3847, 74.5226,
105.1243

■ 73.3847, 74.5226,
105.1243

■ 60.5094, 59.3012,
102.8648

■ 88.2997, 92.0769,
107.7265

■ 49.5793, 46.3058,
100.9326

95.0500, 100.0000,
108.9000

■ 40.5014, 35.4347,
99.3127

■ 33.1726, 26.5745,
97.9887

■ 27.4799, 19.6013,
96.9428

■ 23.2966, 14.3777,
96.1551

■ 20.4777, 10.7472,
95.6029

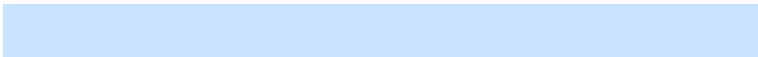
■ 18.8487, 8.5248,
95.2598

■ 18.3231, 7.7663,
95.1410

Harmonies

Analogous

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



69.1982, 74.5226, 105.9262



73.3847, 74.5226, 105.1243



77.0197, 74.5226, 97.5273

Triad

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



73.3847, 74.5226, 105.1243



76.3427, 74.5226, 65.1032



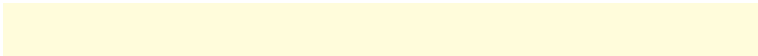
63.2241, 74.5226, 76.5190

Complementary

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



73.3847, 74.5226, 105.1243



88.8361, 95.9938, 80.8660

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.



64.9840, 74.5226, 66.7039



73.3847, 74.5226, 105.1243



72.4903, 74.5226, 60.5615

Square

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



73.3847, 74.5226, 105.1243



78.7734, 74.5226, 74.1288



68.3382, 74.5226, 61.1170



63.4422, 74.5226, 88.5851

Rectangle

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



73.3847, 74.5226, 105.1243



78.5902, 74.5226, 90.0177



68.3382, 74.5226, 61.1170



63.6010, 74.5226, 72.8706

Sweetspot

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



73.3867, 74.5256, 105.1247



88.4861, 92.2958, 107.7589



82.4499, 93.5708, 105.3133



18.6836, 19.4543, 23.0203



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.



73.3867, 74.5256, 105.1247



69.4687, 69.9014, 104.4387



77.1176, 75.2756, 105.0728



17.1247, 17.6211, 22.7486



9.6161, 4.1418, 49.7272



0.9760, 0.4828, 4.8550

Inverse Universe

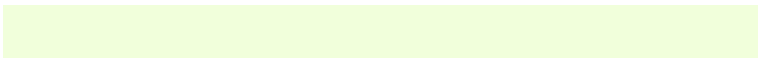
The Inverse Universe completely reimagines the original color for something new.



79.7576, 77.1985, 79.8078



76.9960, 73.0921, 74.5192



84.6861, 95.2652, 80.9441



18.0709, 18.0117, 18.9903



21.6420, 11.1461, 1.4991



2.1273, 1.0933, 0.2516

Previews

White Background



This preview shows how the XYZ color 73.3847, 74.5226, 105.1243 looks on a white background.

Color Contrast Check

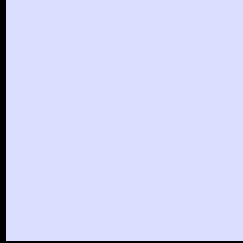
Large Text (above 18pt) WCAG AA × Fail

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 73.3847, 74.5226, 105.1243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

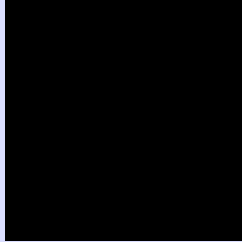
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3847, 74.5226, 105.1243

Background



This preview shows how black text looks on a background with the XYZ color 73.3847, 74.5226, 105.1243.

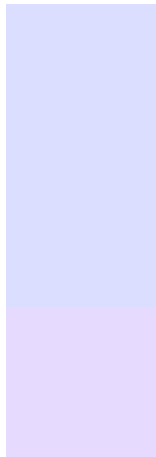


This preview shows how white text looks on a background with the XYZ color 73.3847, 74.5226,

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

73.3847, 74.5226, 105.1243

Protanopia

73.3847, 74.5226, 105.1243

Deuteranopia

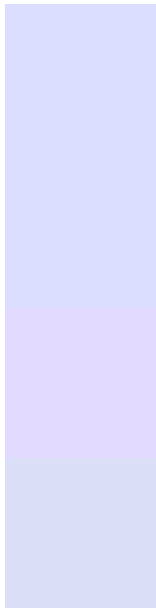
75.7545, 74.1858, 104.9343



Tritanopia

71.2979, 74.4738, 94.6215

Trichromacy



Original Color

73.3847, 74.5226, 105.1243

Protanomaly

73.3847, 74.5226, 105.1243

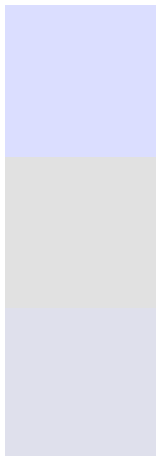
Deuteranomaly

74.7455, 74.0518, 104.9617

Tritanomaly

72.0896, 74.3962, 98.5561

Monochromacy



Original Color

73.3847, 74.5226, 105.1243

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2274, 75.0554, 90.0372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3847, 74.5226, 105.1243 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(219, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 222, 255)  
}
```

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(219, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.3847, 74.5226, 105.1243 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(219, 222, 255) }
```


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

```
.border{ border-color:rgb(219, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 222,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3847, 74.5226, 105.1243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 222, 255) }
```

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

```
.background{ background-color: rgb(219,  
222, 255) }
```

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