

Converting Colors

XYZ(73.7157, 74.0510,
105.0158)

Have a look what the booklet for
XYZ(73.7157, 74.0510, 105.0158)
contains.

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Color

**XYZ(73.7674, 73.9360,
104.9909)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDCEFF
RGB	222, 220, 255
RGB Percent	87%, 86%, 100%
CMY	0.1294, 0.1372, 0.0000
CMYK	0.13, 0.14, 0.00, 0.00
HSL	243°, 100%, 93%
HSV	243°, 14%, 100%
XYZ	73.7674, 73.9360, 104.9909
YIQ	224.5880, -10.0430, 11.3090

Conversions

Conversions Part 2

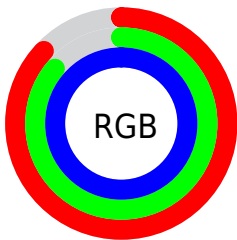
Format	Color
R _{YB}	222, 220, 255
Decimal	14605567
CIE Lab	88.89, 7.37, -16.74
CIE LCh	89, 18.290, 293.766
Yxy	73.9360, 0.2919, 0.2926
Android (android.graphics.Color)	4292795647 (0xFFDEDCFF)
YUV	224.5880, 14.9931, -2.2697
Hunter-Lab	85.9860, 2.6595, -12.2042

Details

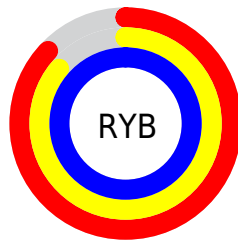
The XYZ color **73.7674, 73.9360, 104.9909** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.1880, 97.5707, 81.8460**, and the grayscale version is **71.1752, 74.8818, 81.5463**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5845, 39.2030, 58.9067** is the 20% darker color. If you saturate the color by 10%, you get **60.7319, 58.0288, 102.6075**, and if you desaturate by 10%, it is **88.8779, 92.4321, 107.7646**.

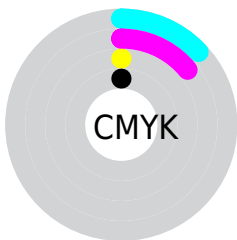
Distribution



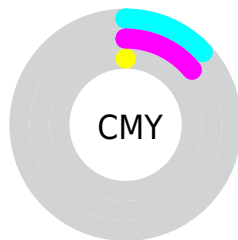
- Red (87%)
- Green (86%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7674, 73.9360, 104.9909 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 73.7674, 73.9360, 104.9909 by changing the saturation by 10% instead.

73.7674, 73.9360,
104.9909

73.7674, 73.9360,
104.9909

462.7329,
474.2525, 597.4610

54.8943, 54.7417,
79.8351

123.5633,
124.8051, 170.1105

39.5506, 39.1949,
59.0573

155.2168,
157.2486, 210.9115

27.3710, 26.9114,
42.2389

191.8611,
194.8773, 257.7646

17.9901, 17.5067,
28.9615

233.8617,
238.0756, 311.0883

11.0425, 10.5964,
18.8063

281.5838,
287.2279, 371.3013

6.1629, 5.7961,
11.3550

335.3928,

2.9860, 2.7215,

342.7185, 438.8221

6.1890

395.6540,
404.9319, 514.0691

■ 1.1464, 0.9881,
2.8897

■ 0.0634, 0.0000,
1.0386

■ 73.7674, 73.9360,
104.9909

■ 73.7674, 73.9360,
104.9909

■ 60.7319, 58.0288,
102.6075

■ 88.8779, 92.4321,
107.7646

■ 49.6751, 44.5865,
100.5956

95.0500, 100.0000,
108.9000

■ 40.5019, 33.4884,
98.9370

■ 33.1072, 24.6003,
97.6111

■ 27.3755, 17.7740,
96.5956

■ 23.1776, 12.8434,
95.8652

■ 20.3652, 9.6167,
95.3906

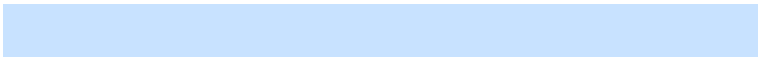
■ 18.7605, 7.8614,
95.1364

■ 18.2398, 7.3178,
95.0589

Harmonies

Analogous

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



69.3519, 73.9360, 107.3079



73.7674, 73.9360, 104.9909



77.3802, 73.9360, 95.8215

Triad

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



73.7674, 73.9360, 104.9909



75.4366, 73.9360, 62.3653



62.1321, 73.9360, 77.8805

Complementary

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



73.7674, 73.9360, 104.9909



89.1880, 97.5707, 81.8460

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.



63.6166, 73.9360, 66.9121



73.7674, 73.9360, 104.9909



71.2041, 73.9360, 58.5820

Square

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



73.7674, 73.9360, 104.9909



78.3720, 73.9360, 71.0559



66.8926, 73.9360, 60.1548



62.7539, 73.9360, 90.7540

Rectangle

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



73.7674, 73.9360, 104.9909



78.7848, 73.9360, 87.5270



66.8926, 73.9360, 60.1548



62.3992, 73.9360, 73.8666

Sweetspot

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



73.7694, 73.9390, 104.9913



88.4316, 91.8851, 107.6825



82.7711, 92.8451, 108.1661



18.6699, 19.3509, 23.0010



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.



73.7694, 73.9390, 104.9913



70.6225, 70.0940, 104.4150



79.3264, 76.8037, 105.2514



17.0989, 17.4272, 22.7125



9.5684, 3.8432, 49.6721



0.9639, 0.3908, 4.8379

Inverse Universe

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



84.5646, 79.5411, 103.8267



83.0145, 76.5254, 103.0499



83.1890, 94.4781, 81.5652



18.7453, 18.2814, 22.5416



29.8212, 14.4178, 44.5703



2.9167, 1.4091, 4.4087

Previews

White Background



This preview shows how the XYZ color 73.7674, 73.9360, 104.9909 looks on a white background.

Color Contrast Check

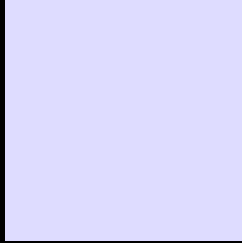
Large Text (above 18pt) WCAG AA × Fail

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 73.7674, 73.9360, 104.9909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

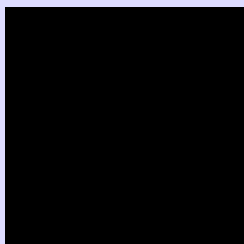
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7674, 73.9360, 104.9909

Background



This preview shows how black text looks on a background with the XYZ color 73.7674, 73.9360, 104.9909.



This preview shows how white text looks on a background with the XYZ color 73.7674, 73.9360,

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

73.7674, 73.9360, 104.9909

Protanopia

72.5217, 73.6846, 105.0080

Deuteranopia

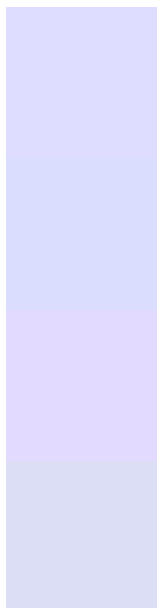
75.4345, 74.0208, 104.9194



Tritanopia

71.3293, 74.1267, 92.9865

Trichromacy



Original Color

73.7674, 73.9360, 104.9909

Protanomaly

73.1199, 73.9930, 105.0360

Deuteranomaly

74.7455, 74.0518, 104.9617

Tritanomaly

72.1179, 74.0508, 96.8784

Monochromacy



Original Color

73.7674, 73.9360, 104.9909

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2685, 74.6788, 89.9624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7674, 73.9360, 104.9909 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(222, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 220, 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(222, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 220, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.7674, 73.9360, 104.9909 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(222, 220, 255) }
```


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

```
.border{ border-color:rgb(222, 220, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 220, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 220, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 220,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7674, 73.9360, 104.9909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 220, 255) }
```

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

```
.background{ background-color: rgb(222,  
220, 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](#).

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