

Converting Colors

XYZ(73.1999, 74.8039,
100.8521)

Have a look what the booklet for
XYZ(73.1999, 74.8039, 100.8521)
contains.

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Color

**XYZ(73.4618, 75.0496,
101.0567)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDDFA
RGB	221, 223, 250
RGB Percent	87%, 87%, 98%
CMY	0.1333, 0.1255, 0.0196
CMYK	0.12, 0.11, 0.00, 0.02
HSL	236°, 74%, 92%
HSV	236°, 12%, 98%
XYZ	73.4618, 75.0496, 101.0567
YIQ	225.4800, -9.8590, 7.9730

Conversions

Conversions Part 2

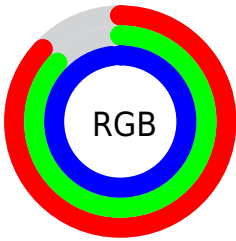
Format	Color
R _{YB}	221, 223, 250
Decimal	14540794
CIE Lab	89.42, 4.48, -13.34
CIE LCh	89, 14.068, 288.557
Yxy	75.0496, 0.2944, 0.3007
Android (android.graphics.Color)	4292730874 (0xFFDDDDFFFA)
YUV	225.4800, 12.0884, -3.9290
Hunter-Lab	86.6312, -0.2395, -8.5209

Details

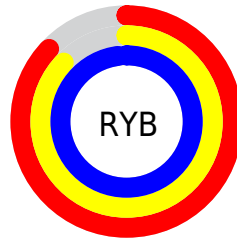
The XYZ color **73.4618, 75.0496, 101.0567** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.0434, 92.6789, 81.7621**, and the grayscale version is **71.8360, 75.5771, 82.3035**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4661, 40.0073, 56.6810** is the 20% darker color. If you saturate the color by 10%, you get **60.6132, 59.8225, 98.7959**, and if you desaturate by 10%, it is **88.3030, 92.5766, 103.6587**.

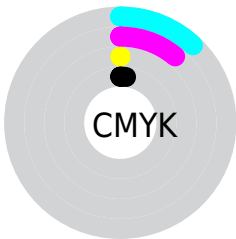
Distribution



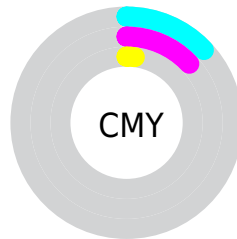
- Red (87%)
- Green (87%)
- Blue (98%)



- Red (87%)
- Yellow (87%)
- Blue (98%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4618, 75.0496, 101.0567 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 73.4618, 75.0496, 101.0567 by changing the saturation by 10% instead.

■ 73.4618, 75.0496,
101.0567

■ 73.4618, 75.0496,
101.0567

461.6928,
478.0880, 584.8509

■ 54.6434, 55.6535,
76.5615

123.1322,
126.3826, 164.6731

■ 39.3490, 39.9252,
56.3837

154.7148,
159.0883, 204.6314

■ 27.2133, 27.4802,
40.1046

191.2830,
196.9993, 250.5812

■ 17.8709, 17.9342,
27.3057

233.2019,
240.5000, 302.9409

■ 10.9564, 10.9028,
17.5685

280.8370,
289.9748, 362.1293

■ 6.1046, 6.0015,
10.4744

334.5536,

■ 2.9501, 2.8460,

345.8082, 428.5647

5.6049

394.7171,
408.3845, 502.6657

■ 1.1274, 1.0519,
2.5415

■ 0.0479, 0.0000,
0.8620

■ 73.4618, 75.0496,
101.0567

■ 73.4618, 75.0496,
101.0567

■ 60.6132, 59.8225,
98.7959

■ 88.3030, 92.5766,
103.6587

■ 49.6658, 46.7908,
96.8576

■ 94.2556, 99.6822,
104.7165

■ 40.5313, 35.8562,
95.2284

■ 33.1117, 26.9087,
93.8924

■ 27.2995, 19.8289,
92.8322

■ 22.9753, 14.4841,
92.0285

■ 20.0029, 10.7242,
91.4594

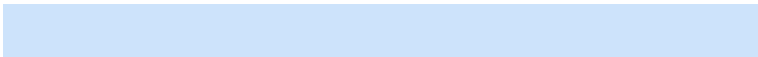
■ 18.2207, 8.3734,
91.0996

■ 17.4601, 7.3114,
90.9347

Harmonies

Analogous

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



70.0260, 75.0496, 101.7605



73.4618, 75.0496, 101.0567



76.4151, 75.0496, 94.9295

Triad

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



73.4618, 75.0496, 101.0567



75.8081, 75.0496, 68.3017



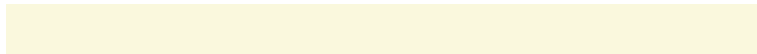
65.0337, 75.0496, 78.0094

Complementary

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



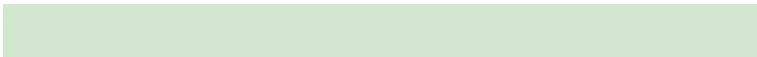
73.4618, 75.0496, 101.0567



86.0434, 92.6789, 81.7621

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.



66.4802, 75.0496, 69.7898



73.4618, 75.0496, 101.0567



72.6549, 75.0496, 64.4938

Square

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



73.4618, 75.0496, 101.0567



77.7995, 75.0496, 75.8250



69.2445, 75.0496, 65.0157



65.2340, 75.0496, 87.9050

Rectangle

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



73.4618, 75.0496, 101.0567



77.6787, 75.0496, 88.8510



69.2445, 75.0496, 65.0157



65.3415, 75.0496, 74.9740

Sweetspot

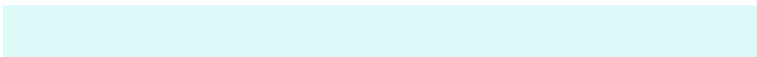
The Sweet Spot groups the original color and five complimentary colors.



73.4640, 75.0527, 101.0584



90.0613, 94.1179, 108.0276



80.8845, 90.4962, 101.6741



18.9985, 19.8167, 23.0736



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.



73.4640, 75.0527, 101.0584



73.4128, 74.4447, 105.1077



76.7447, 75.9543, 101.0595



16.3793, 16.8354, 21.7716



9.2971, 3.9498, 48.2459



0.8936, 0.4308, 4.4792

Inverse Universe

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



78.6019, 77.3664, 80.6060



79.8033, 77.3411, 79.6648



82.4701, 91.7558, 81.7722



17.2932, 17.2446, 18.1339



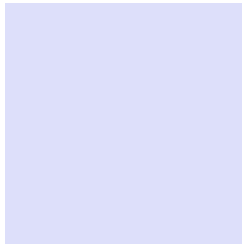
20.9848, 10.8096, 1.3623



1.9600, 1.0077, 0.2126

Previews

White Background



This preview shows how the XYZ color 73.4618, 75.0496, 101.0567 looks on a white background.

Color Contrast Check

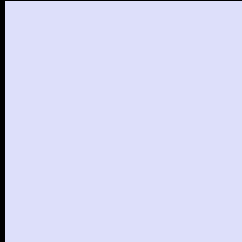
Large Text (above 18pt) WCAG AA × Fail

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 73.4618, 75.0496, 101.0567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

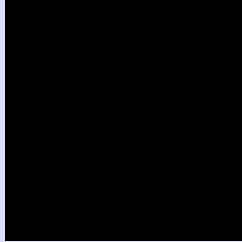
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4618, 75.0496, 101.0567

Background



This preview shows how black text looks on a background with the XYZ color 73.4618, 75.0496, 101.0567.

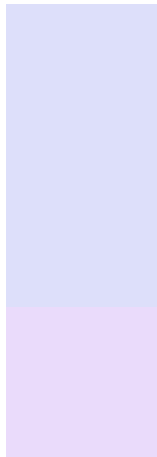


This preview shows how white text looks on a background with the XYZ color 73.4618, 75.0496,

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

73.4618, 75.0496, 101.0567

Protanopia

73.4618, 75.0496, 101.0567

Deuteranopia

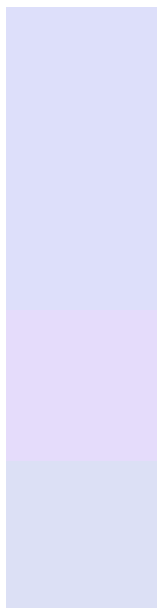
76.6758, 75.1205, 101.7252



Tritanopia

72.1979, 74.9378, 94.6636

Trichromacy



Original Color

73.4618, 75.0496, 101.0567

Protanomaly

73.4618, 75.0496, 101.0567

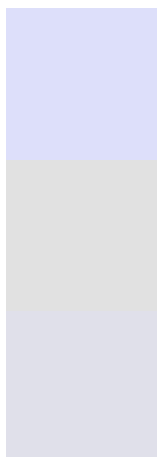
Deuteranomaly

75.3189, 74.8094, 101.7367

Tritanomaly

72.6523, 75.1195, 97.0565

Monochromacy



Original Color

73.4618, 75.0496, 101.0567

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2474, 75.0991, 88.5296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4618, 75.0496, 101.0567 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(221, 223, 250)` looks like.

```
.text, #text, p{  
    color:rgb(221, 223, 250)  
}
```

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(221, 223, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 223, 250) }
```

Border

The CSS property to change the border of an element to XYZ 73.4618, 75.0496, 101.0567 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(221, 223, 250) }
```


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

```
.border{ border-color:rgb(221, 223, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 223, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 223, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 223, 250);  
box-shadow:4px 4px 4px 4px rgb(221, 223,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4618, 75.0496, 101.0567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 223, 250) }
```

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

```
.background{ background-color: rgb(221,  
223, 250) }
```

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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