

Converting Colors

XYZ(79.1051, 77.1950,
135.8636)

Have a look what the booklet for
XYZ(79.1051, 77.1950, 135.8636)
contains.

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Color

**XYZ(73.3511, 74.9008,
105.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	DADFFF
RGB	218, 223, 255
RGB Percent	85%, 87%, 100%
CMY	0.1451, 0.1255, 0.0000
CMYK	0.15, 0.13, 0.00, 0.00
HSL	232°, 100%, 93%
HSV	232°, 15%, 100%
XYZ	73.3511, 74.9008, 105.1990
YIQ	225.1530, -13.2520, 8.8920

Conversions

Conversions Part 2

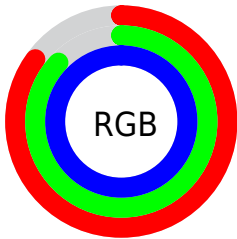
Format	Color
R _Y B	218, 222, 255
Decimal	14344191
CIE Lab	89.35, 4.55, -16.09
CIE LCh	89, 16.717, 285.783
Yxy	74.9008, 0.2894, 0.2955
Android (android.graphics.Color)	4292534271 (0xFFDADFFF)
YUV	225.1530, 14.7146, -6.2732
Hunter-Lab	86.5452, -0.1672, -11.4875

Details

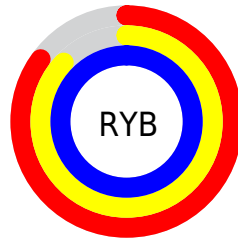
The XYZ color **73.3511, 74.9008, 105.1990** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.0799, 94.6916, 79.9662**, and the grayscale version is **71.5842, 75.3121, 82.0149**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2999, 39.8690, 59.0502** is the 20% darker color. If you saturate the color by 10%, you get **60.7913, 60.2436, 103.0319**, and if you desaturate by 10%, it is **87.8554, 91.7035, 107.6778**.

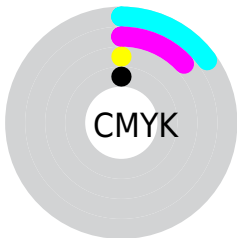
Distribution



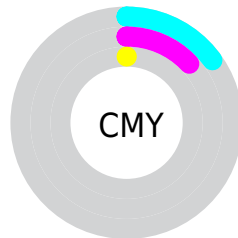
- Red (85%)
- Green (87%)
- Blue (100%)



- Red (85%)
- Yellow (87%)
- Blue (100%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3511, 74.9008, 105.1990 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 73.3511, 74.9008, 105.1990 by changing the saturation by 10% instead.

73.3511, 74.9008,
105.1990

73.3511, 74.9008,
105.1990

461.3157,
477.5765, 598.1241

54.5525, 55.5316,
80.0085

122.9760,
126.1719, 170.3976

39.2760, 39.8275,
59.1991

154.5329,
158.8427, 211.2428

27.1562, 27.4041,
42.3524

191.0734,
196.7161, 258.1432

17.8277, 17.8769,
29.0497

232.9627,
240.1765, 311.5176

10.9253, 10.8617,
18.8725

280.5663,
289.6084, 371.7843

6.0836, 5.9739,
11.4023

334.2494,

2.9371, 2.8292,

345.3961, 439.3619

6.2206

394.3774,
407.9240, 514.6690

■ 1.1206, 1.0432,
2.9087

■ 0.0422, 0.0000,
1.0482

■ 73.3511, 74.9008,
105.1990

■ 73.3511, 74.9008,
105.1990

■ 60.7913, 60.2436,
103.0319

■ 87.8554, 91.7035,
107.6778

■ 50.0871, 47.6363,
101.1626

95.0500, 100.0000,
108.9000

■ 41.1516, 36.9898,
99.5786

■ 33.8885, 28.2046,
98.2657

■ 28.1922, 21.1724,
97.2085

■ 23.9450, 15.7737,
96.3903

■ 21.0120, 11.8735,
95.7921

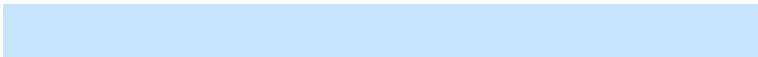
■ 19.2313, 9.3137,
95.3919

■ 18.6359, 8.3917,
95.2453

Harmonies

Analogous

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



69.2774, 74.9008, 105.3880



73.3511, 74.9008, 105.1990



76.9762, 74.9008, 98.2871

Triad

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



73.3511, 74.9008, 105.1990



76.8161, 74.9008, 66.4566



63.8379, 74.9008, 76.1482

Complementary

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



73.3511, 74.9008, 105.1990



88.0799, 94.6916, 79.9662

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.



65.7031, 74.9008, 66.8372



73.3511, 74.9008, 105.1990



73.1394, 74.9008, 61.6155

Square

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



73.3511, 74.9008, 105.1990



79.0283, 74.9008, 75.5814



69.0737, 74.9008, 61.7478



63.8897, 74.9008, 87.8338

Rectangle

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



73.3511, 74.9008, 105.1990



78.6051, 74.9008, 91.1439



69.0737, 74.9008, 61.7478



64.2583, 74.9008, 72.6620

Sweetspot

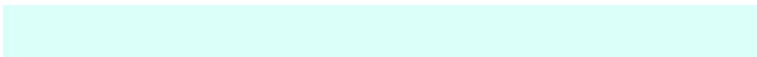
The Sweet Spot groups the original color and five complimentary colors.



73.3531, 74.9038, 105.1995



88.6468, 92.6171, 107.8125



81.8434, 93.2935, 103.6851



18.7241, 19.5352, 23.0338



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.



73.3531, 74.9038, 105.1995



70.0455, 71.0550, 104.6309



76.0613, 74.3448, 104.9489



17.2010, 17.7736, 22.7740



9.7978, 4.5052, 49.7878



1.0119, 0.5545, 4.8670

Inverse Universe

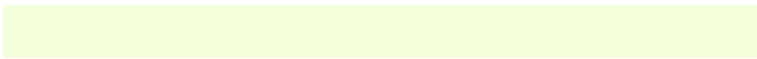
The Inverse Universe completely reimagines the original color for something new.



79.6320, 76.7320, 80.4293



77.2871, 73.2086, 76.0523



85.0506, 95.4683, 80.2758



18.1094, 18.0271, 19.1930



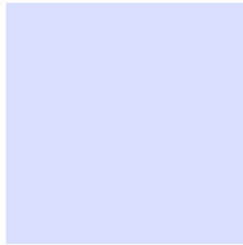
21.7337, 11.1828, 1.9821



2.1454, 1.1005, 0.3469

Previews

White Background



This preview shows how the XYZ color 73.3511, 74.9008, 105.1990 looks on a white background.

Color Contrast Check

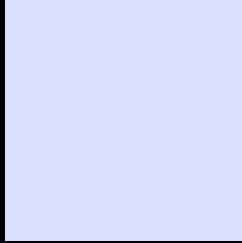
Large Text (above 18pt) WCAG AA × Fail

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 73.3511, 74.9008, 105.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

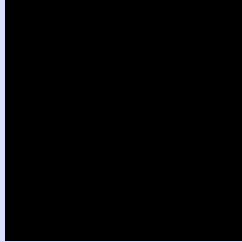
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3511, 74.9008, 105.1990

Background



This preview shows how black text looks on a background with the XYZ color 73.3511, 74.9008, 105.1990.

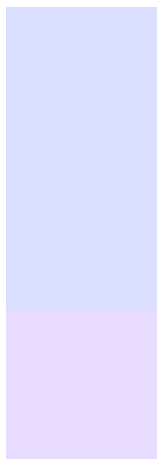


This preview shows how white text looks on a background with the XYZ color 73.3511, 74.9008,

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

73.3511, 74.9008, 105.1990

Protanopia

73.6511, 75.0554, 105.2131

Deuteranopia

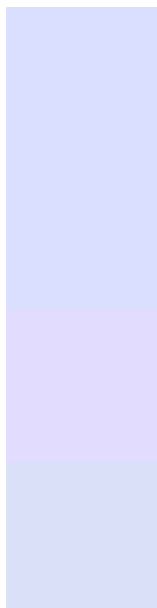
76.3365, 74.8720, 105.0361



Tritanopia

71.4218, 74.9204, 95.4908

Trichromacy



Original Color

73.3511, 74.9008, 105.1990

Protanomaly

73.6511, 75.0554, 105.2131

Deuteranomaly

75.0072, 74.5752, 105.0489

Tritanomaly

72.0594, 74.7784, 98.6314

Monochromacy



Original Color

73.3511, 74.9008, 105.1990

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.9202, 74.8970, 90.0229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3511, 74.9008, 105.1990 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(218, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 223, 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(218, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.3511, 74.9008, 105.1990 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(218, 223, 255) }
```


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

```
.border{ border-color:rgb(218, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3511, 74.9008, 105.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 223, 255) }
```

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

```
.background{ background-color: rgb(218,  
223, 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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