

Converting Colors

XYZ(77.1758, 75.5321,
126.4079)

Have a look what the booklet for
XYZ(77.1758, 75.5321, 126.4079)
contains.

XYZ(73.1199, 73.9930, 105.0360)	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(73.1199, 73.9930,
105.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDDFF
RGB	219, 221, 255
RGB Percent	86%, 87%, 100%
CMY	0.1412, 0.1333, 0.0000
CMYK	0.14, 0.13, 0.00, 0.00
HSL	237°, 100%, 93%
HSV	237°, 14%, 100%
XYZ	73.1199, 73.9930, 105.0360
YIQ	224.2780, -12.1060, 10.1500

Conversions

Conversions Part 2

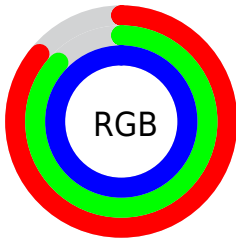
Format	Color
R _Y B	219, 221, 255
Decimal	14409215
CIE Lab	88.92, 5.91, -16.72
CIE LCh	89, 17.734, 289.455
Yxy	73.9930, 0.2900, 0.2934
Android (android.graphics.Color)	4292599295 (0xFFDBDDFF)
YUV	224.2780, 15.1459, -4.6288
Hunter-Lab	86.0192, 1.1989, -12.1842

Details

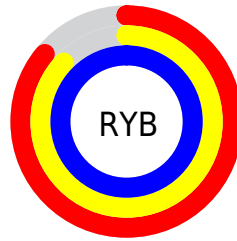
The XYZ color **73.1199, 73.9930, 105.0360** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.1510, 96.6236, 80.9710**, and the grayscale version is **70.9534, 74.6484, 81.2922**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1391, 39.2422, 58.9377** is the 20% darker color. If you saturate the color by 10%, you get **60.1195, 58.5214, 102.7349**, and if you desaturate by 10%, it is **88.2114, 91.9002, 107.6970**.

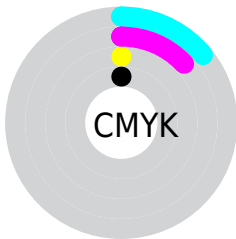
Distribution



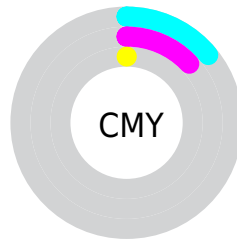
- Red (86%)
- Green (87%)
- Blue (100%)



- 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 73.1199, 73.9930, 105.0360 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 73.1199, 73.9930, 105.0360 by changing the saturation by 10% instead.

73.1199, 73.9930,
105.0360

73.1199, 73.9930,
105.0360

460.5276,
474.4492, 597.6047

54.3627, 54.7883,
79.8727

122.6496,
124.8859, 170.1728

39.1236, 39.2323,
59.0880

154.1529,
157.3429, 210.9833

27.0370, 26.9405,
42.2635

190.6356,
194.9861, 257.8467

17.7378, 17.5285,
28.9806

232.4630,
238.1999, 311.1814

10.8604, 10.6120,
18.8207

280.0006,
287.3687, 371.4060

6.0397, 5.8066,
11.3653

333.6137,

2.9101, 2.7278,

342.8770, 438.9391

6.1958

393.6675,
405.1090, 514.1991

■ 1.1064, 0.9914,
2.8938

■ 0.0305, 0.0000,
1.0407

■ 73.1199, 73.9930,
105.0360

■ 73.1199, 73.9930,
105.0360

■ 60.1195, 58.5214,
102.7349

■ 88.2114, 91.9002,
107.6970

■ 49.1123, 45.3717,
100.7769

95.0500, 100.0000,
108.9000

■ 40.0014, 34.4346,
99.1460

■ 32.6795, 25.5882,
97.8244

■ 27.0288, 18.6992,
96.7925

■ 22.9171, 13.6187,
96.0285

■ 20.1922, 10.1762,
95.5077

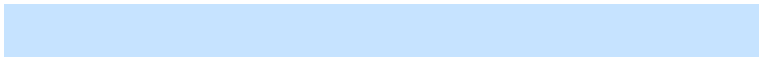
■ 18.6707, 8.1690,
95.2005

■ 18.2095, 7.5391,
95.1032

Harmonies

Analogous

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



68.8249, 73.9930, 106.1772



73.1199, 73.9930, 105.0360



76.8043, 73.9930, 96.9705

Triad

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



73.1199, 73.9930, 105.0360



75.8444, 73.9930, 63.8685



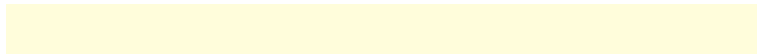
62.5040, 73.9930, 76.3070

Complementary

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



73.1199, 73.9930, 105.0360



89.1510, 96.6236, 80.9710

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.



64.2267, 73.9930, 66.1242



73.1199, 73.9930, 105.0360



71.8531, 73.9930, 59.4445

Square

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



73.1199, 73.9930, 105.0360



78.4211, 73.9930, 72.9288



67.6083, 73.9930, 60.2259



62.8120, 73.9930, 88.7182

Rectangle

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



73.1199, 73.9930, 105.0360



78.3633, 73.9930, 89.1704



67.6083, 73.9930, 60.2259



62.8619, 73.9930, 72.5333

Sweetspot

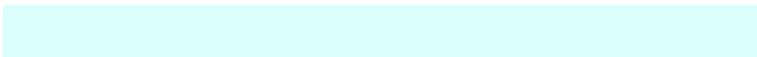
The Sweet Spot groups the original color and five complimentary colors.



73.1219, 73.9960, 105.0365



88.4001, 92.1239, 107.7302



82.6401, 93.6468, 106.3149



18.6619, 19.4110, 23.0131



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.



73.1219, 73.9960, 105.0365



69.1627, 69.2894, 104.3367



77.5116, 75.4787, 105.0913



17.0841, 17.5398, 22.7350



9.5471, 4.0038, 49.7042



0.9568, 0.4443, 4.8486

Inverse Universe

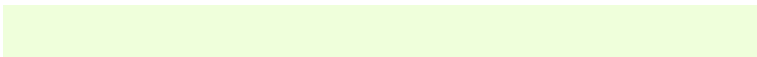
The Inverse Universe completely reimagines the original color for something new.



79.6240, 77.1450, 79.1039



76.8415, 73.0303, 73.7058



84.2787, 95.0552, 80.9250



18.0503, 18.0034, 18.8822



21.6071, 11.1321, 1.3157



2.1176, 1.0894, 0.2005

Previews

White Background



This preview shows how the XYZ color 73.1199, 73.9930, 105.0360 looks on a white background.

Color Contrast Check

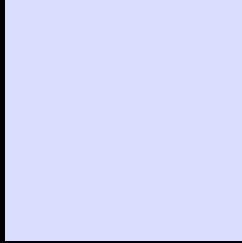
Large Text (above 18pt) WCAG AA × Fail

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 73.1199, 73.9930, 105.0360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

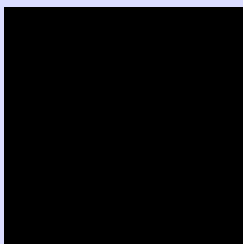
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1199, 73.9930, 105.0360

Background



This preview shows how black text looks on a background with the XYZ color 73.1199, 73.9930, 105.0360.

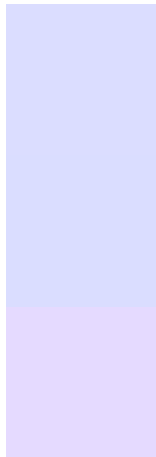


This preview shows how white text looks on a background with the XYZ color 73.1199, 73.9930,

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

73.1199, 73.9930, 105.0360

Protanopia

72.8199, 73.8383, 105.0219

Deuteranopia

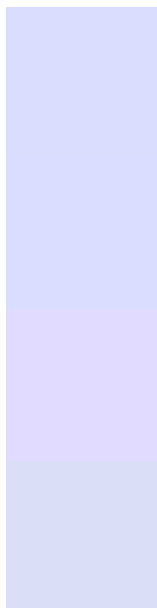
75.4345, 74.0208, 104.9194



Tritanopia

70.8801, 73.8779, 93.7432

Trichromacy



Original Color

73.1199, 73.9930, 105.0360

Protanomaly

72.8199, 73.8383, 105.0219

Deuteranomaly

74.4329, 73.8906, 104.9470

Tritanomaly

71.6693, 73.8018, 97.6566

Monochromacy



Original Color

73.1199, 73.9930, 105.0360

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.5073, 74.3031, 89.1704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1199, 73.9930, 105.0360 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, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 221, 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, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.1199, 73.9930, 105.0360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

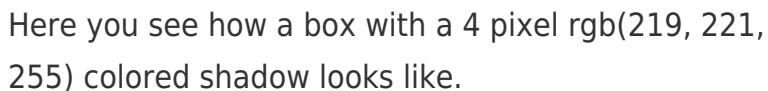
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 221, 255) }
```


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

```
.border{ border-color:rgb(219, 221, 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, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 221, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 221, 255); box-shadow:4px 4px 4px 4px rgb(219, 221, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1199, 73.9930, 105.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 221, 255) }
```

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

```
.background{ background-color: rgb(219,  
221, 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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