

Converting Colors

XYZ(76.8443, 75.4289,
126.5857)

Have a look what the booklet for
XYZ(76.8443, 75.4289, 126.5857)
contains.

XYZ(72.8199, 73.8383, 105.0219)	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(72.8199, 73.8383,
105.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	DADDFF
RGB	218, 221, 255
RGB Percent	85%, 87%, 100%
CMY	0.1451, 0.1333, 0.0000
CMYK	0.15, 0.13, 0.00, 0.00
HSL	235°, 100%, 93%
HSV	235°, 15%, 100%
XYZ	72.8199, 73.8383, 105.0219
YIQ	223.9790, -12.7020, 9.9380

Conversions

Conversions Part 2

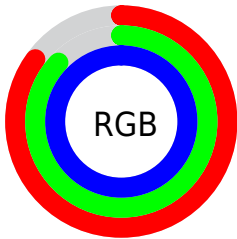
Format	Color
R _Y B	218, 221, 255
Decimal	14343679
CIE Lab	88.85, 5.59, -16.84
CIE LCh	89, 17.744, 288.379
Yxy	73.8383, 0.2893, 0.2934
Android (android.graphics.Color)	4292533759 (0xFFDADDDFF)
YUV	223.9790, 15.2934, -5.2436
Hunter-Lab	85.9292, 0.8920, -12.3132

Details

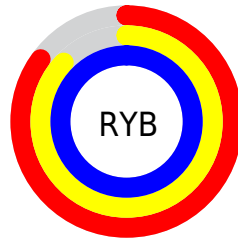
The XYZ color **72.8199, 73.8383, 105.0219** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.7049, 95.9414, 80.1747**, and the grayscale version is **70.7390, 74.4229, 81.0466**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9335, 39.1362, 58.9281** is the 20% darker color. If you saturate the color by 10%, you get **60.0126, 58.6859, 102.7723**, and if you desaturate by 10%, it is **87.6677, 91.3280, 107.6152**.

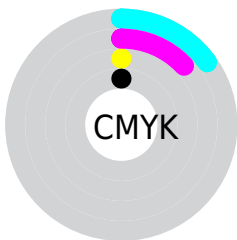
Distribution



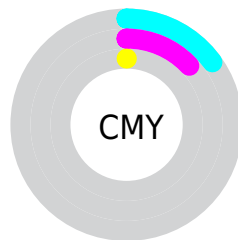
- Red (85%)
- Green (87%)
- Blue (100%)



- 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 72.8199, 73.8383, 105.0219 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 72.8199, 73.8383, 105.0219 by changing the saturation by 10% instead.

■ 72.8199, 73.8383,
105.0219

■ 72.8199, 73.8383,
105.0219

459.5038,
473.9151, 597.5598

■ 54.1166, 54.6617,
79.8609

122.2260,
124.6666, 170.1533

■ 38.9259, 39.1309,
59.0784

153.6595,
157.0870, 210.9609

■ 26.8826, 26.8616,
42.2558

190.0671,
194.6909, 257.8210

■ 17.6212, 17.4693,
28.9746

231.8141,
237.8625, 311.1523

■ 10.7764, 10.5697,
18.8162

279.2659,
286.9864, 371.3733

■ 5.9829, 5.7783,
11.3621

332.7879,

■ 2.8752, 2.7107,

342.4468, 438.9025

6.1937

392.7455,
404.6283, 514.1585

■ 1.0881, 0.9826,
2.8925

■ 0.0151, 0.0000,
1.0400

■ 72.8199, 73.8383,
105.0219

■ 72.8199, 73.8383,
105.0219

■ 60.0126, 58.6859,
102.7723

■ 87.6677, 91.3280,
107.6152

■ 49.1507, 45.7633,
100.8504

95.0500, 100.0000,
108.9000

■ 40.1406, 34.9678,
99.2416

■ 32.8787, 26.1849,
97.9290

■ 27.2509, 19.2897,
96.8947

■ 23.1297, 14.1430,
96.1186

■ 20.3685, 10.5865,
95.5776

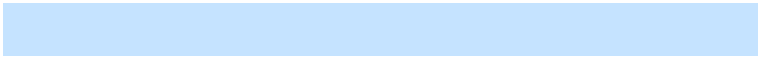
■ 18.7907, 8.4324,
95.2450

■ 18.3126, 7.7451,
95.1375

Harmonies

Analogous

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



68.5291, 73.8383, 105.8874



72.8199, 73.8383, 105.0219



76.5438, 73.8383, 97.1693

Triad

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



72.8199, 73.8383, 105.0219



75.8161, 73.8383, 63.9663



62.3915, 73.8383, 75.7221

Complementary

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



72.8199, 73.8383, 105.0219



88.7049, 95.9414, 80.1747

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.



64.1811, 73.8383, 65.6757



72.8199, 73.8383, 105.0219



71.8595, 73.8383, 59.3663

Square

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



72.8199, 73.8383, 105.0219



78.3218, 73.8383, 73.1614



67.6068, 73.8383, 59.9583



62.6250, 73.8383, 88.0953

Rectangle

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



72.8199, 73.8383, 105.0219



78.1498, 73.8383, 89.4398



67.6068, 73.8383, 59.9583



62.7734, 73.8383, 71.9859

Sweetspot

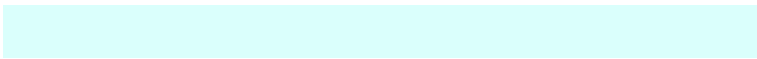
The Sweet Spot groups the original color and five complimentary colors.



72.8219, 73.8413, 105.0224



88.4791, 92.2818, 107.7566



82.2317, 93.4488, 105.7298



18.6818, 19.4508, 23.0197



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.



72.8219, 73.8413, 105.0224



69.4438, 69.8515, 104.4303



76.8630, 74.7582, 104.9864



17.1214, 17.6145, 22.7475



9.6098, 4.1291, 49.7251



0.9745, 0.4796, 4.8545

Inverse Universe

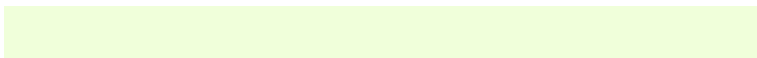
The Inverse Universe completely reimagines the original color for something new.



79.3638, 76.6248, 79.0171



76.9834, 73.0871, 74.4529



84.2095, 95.0347, 80.2366



18.0692, 18.0110, 18.9815



21.6388, 11.1448, 1.4823



2.1265, 1.0930, 0.2474

Previews

White Background



This preview shows how the XYZ color 72.8199, 73.8383, 105.0219 looks on a white background.

Color Contrast Check

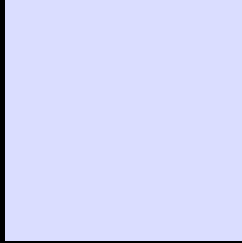
Large Text (above 18pt) WCAG AA × Fail

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 72.8199, 73.8383, 105.0219 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 72.8199, 73.8383, 105.0219

Background



This preview shows how black text looks on a background with the XYZ color 72.8199, 73.8383, 105.0219.



This preview shows how white text looks on a background with the XYZ color 72.8199, 73.8383,

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

72.8199, 73.8383, 105.0219

Protanopia

72.5217, 73.6846, 105.0080

Deuteranopia

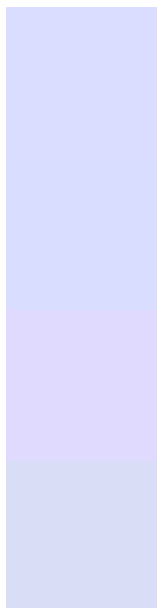
75.1760, 73.5037, 104.8332



Tritanopia

70.5838, 73.7252, 93.7293

Trichromacy



Original Color

72.8199, 73.8383, 105.0219

Protanomaly

72.5217, 73.6846, 105.0080

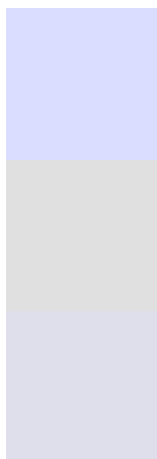
Deuteranomaly

74.1727, 73.3704, 104.8603

Tritanomaly

71.3711, 73.6481, 97.6426

Monochromacy



Original Color

72.8199, 73.8383, 105.0219

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 72.8199, 73.8383, 105.0219 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, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.8199, 73.8383, 105.0219 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, 221, 255) }
```


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

```
.border{ border-color:rgb(218, 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(218, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 221,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8199, 73.8383, 105.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 221, 255) }
```

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

```
.background{ background-color: rgb(218,  
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](#).

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