

Converting Colors

XYZ(71.2252, 73.8984,
105.1176)

Have a look what the booklet for
XYZ(71.2252, 73.8984, 105.1176)
contains.

XYZ(71.3016, 73.8442, 105.1031)	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(71.3016, 73.8442,
105.1031)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DFFF
RGB	211, 223, 255
RGB Percent	83%, 87%, 100%
CMY	0.1725, 0.1255, 0.0000
CMYK	0.17, 0.13, 0.00, 0.00
HSL	224°, 100%, 91%
HSV	224°, 17%, 100%
XYZ	71.3016, 73.8442, 105.1031
YIQ	223.0600, -17.4240, 7.4080

Conversions

Conversions Part 2

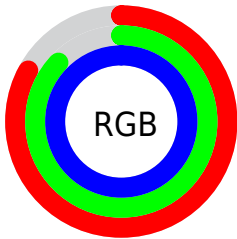
Format	Color
R _Y B	211, 220, 255
Decimal	13885439
CIE Lab	88.85, 2.38, -16.88
CIE LCh	89, 17.052, 278.025
Yxy	73.8442, 0.2849, 0.2951
Android (android.graphics.Color)	4292075519 (0xFFD3DFFF)
YUV	223.0600, 15.7464, -10.5766
Hunter-Lab	85.9326, -2.2739, -12.3640

Details

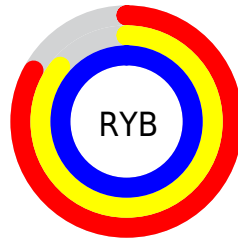
The XYZ color **71.3016, 73.8442, 105.1031** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.0481, 90.0631, 74.5310**, and the grayscale version is **70.0841, 73.7339, 80.2963**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9060, 39.1504, 58.9850** is the 20% darker color. If you saturate the color by 10%, you get **59.8816, 61.0021, 103.2262**, and if you desaturate by 10%, it is **84.4270, 88.3748, 107.2160**.

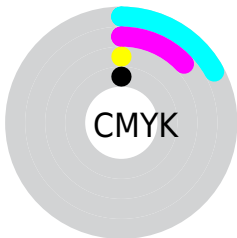
Distribution



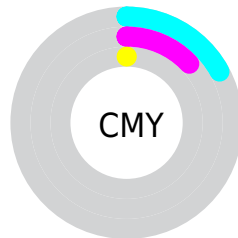
- Red (83%)
- Green (87%)
- Blue (100%)



- Red (83%)
- Yellow (86%)
- Blue (100%)



- Cyan (17%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3016, 73.8442, 105.1031 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 71.3016, 73.8442, 105.1031 by changing the saturation by 10% instead.

■ 71.3016, 73.8442,
105.1031

■ 71.3016, 73.8442,
105.1031

454.3025,
473.9355, 597.8186

■ 52.8718, 54.6665,
79.9286

120.0793,
124.6749, 170.2653

■ 37.9275, 39.1348,
59.1338

151.1578,
157.0968, 211.0901

■ 26.1034, 26.8646,
42.3001

187.1833,
194.7021, 257.9688

■ 17.0341, 17.4716,
29.0090

228.5211,
237.8754, 311.3198

■ 10.3542, 10.5713,
18.8420

275.5366,
287.0010, 371.5617

■ 5.6985, 5.7793,
11.3805

328.5951,

■ 2.7015, 2.7114,

342.4633, 439.1132

6.2060

388.0619,
404.6466, 514.3926

■ 0.9980, 0.9830,
2.8999

■ 0.0000, 0.0000,
1.0438

■ 71.3016, 73.8442,
105.1031

■ 71.3016, 73.8442,
105.1031

■ 59.8816, 61.0021,
103.2262

■ 84.4270, 88.3748,
107.2160

■ 50.0892, 49.7768,
101.5756

95.0500, 100.0000,
108.9000

■ 41.8491, 40.1043,
100.1430

■ 35.0775, 31.9125,
98.9187

■ 29.6825, 25.1235,
97.8926

■ 25.5609, 19.6512,
97.0536

■ 22.5932, 15.3988,
96.3892

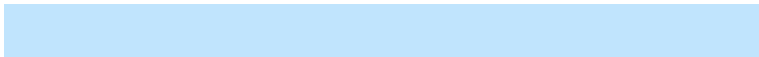
■ 20.6304, 12.2507,
95.8850

■ 20.2129, 11.5458,
95.7710

Harmonies

Analogous

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



67.2556, 73.8442, 103.4024



71.3016, 73.8442, 105.1031



75.1951, 73.8442, 99.6915

Triad

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



71.3016, 73.8442, 105.1031



76.6327, 73.8442, 67.1869



63.0742, 73.8442, 72.1867

Complementary

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



71.3016, 73.8442, 105.1031



85.0481, 90.0631, 74.5310

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.



65.4058, 73.8442, 63.7795



71.3016, 73.8442, 105.1031



73.2017, 73.8442, 61.0963

Square

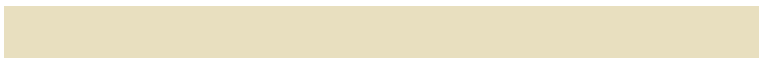
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3016, 73.8442, 105.1031



78.3509, 73.8442, 77.2692



69.0835, 73.8442, 59.9130



62.6103, 73.8442, 83.6220

Rectangle

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



71.3016, 73.8442, 105.1031



77.1438, 73.8442, 93.0642



69.0835, 73.8442, 59.9130



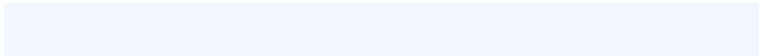
63.6610, 73.8442, 68.9470

Sweetspot

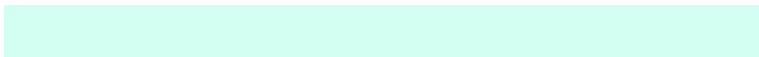
The Sweet Spot groups the original color and five complimentary colors.



71.3036, 73.8471, 105.1036



87.6270, 91.8878, 107.7254



78.7320, 91.8122, 97.9974



18.5402, 19.4313, 23.0234



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.



71.3036, 73.8471, 105.1036



66.8293, 68.8415, 104.3732



71.0223, 69.1090, 104.2038



17.4062, 18.1840, 22.8424



10.6672, 6.2440, 50.0776



1.1249, 0.7804, 4.9046

Inverse Universe

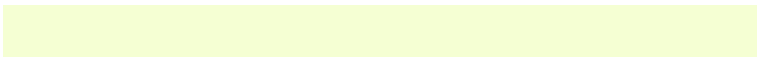
The Inverse Universe completely reimagines the original color for something new.



77.8548, 73.1777, 79.8367



74.6339, 68.2043, 74.2363



85.3376, 95.7199, 75.6076



18.2129, 18.0685, 19.7383



22.1725, 11.3583, 4.2929



2.2024, 1.1233, 0.6472

Previews

White Background



This preview shows how the XYZ color 71.3016, 73.8442, 105.1031 looks on a white background.

Color Contrast Check

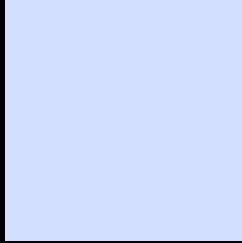
Large Text (above 18pt) WCAG AA × Fail

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 71.3016, 73.8442, 105.1031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

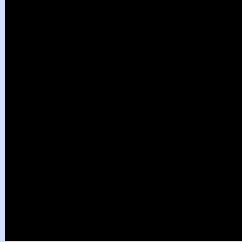
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3016, 73.8442, 105.1031

Background



This preview shows how black text looks on a background with the XYZ color 71.3016, 73.8442, 105.1031.



This preview shows how white text looks on a background with the XYZ color 71.3016, 73.8442,

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

71.3016, 73.8442, 105.1031

Protanopia

72.6593, 73.7741, 104.1762

Deuteranopia

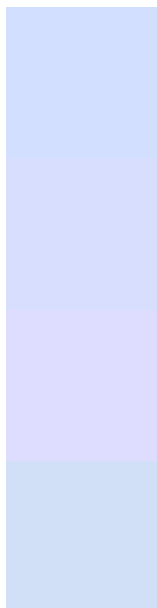
75.4345, 74.0208, 104.9194



Tritanopia

69.3974, 73.8768, 95.3960

Trichromacy



Original Color

71.3016, 73.8442, 105.1031

Protanomaly

72.0350, 73.8454, 104.2229

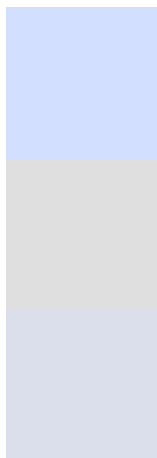
Deuteranomaly

73.7674, 73.9360, 104.9909

Tritanomaly

70.0225, 73.7283, 98.5361

Monochromacy



Original Color

71.3016, 73.8442, 105.1031

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.5965, 73.8336, 89.1277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3016, 73.8442, 105.1031 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(211, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.3016, 73.8442, 105.1031 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(211, 223, 255) }
```


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

```
.border{ border-color:rgb(211, 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(211, 223, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3016, 73.8442, 105.1031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 223, 255) }
```

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

```
.background{ background-color: rgb(211,  
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](#).

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