

Converting Colors

XYZ(71.5162, 73.3631,
104.9989)

Have a look what the booklet for
XYZ(71.5162, 73.3631, 104.9989)
contains.

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Color

**XYZ(71.6118, 73.6087,
105.0413)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DEFF
RGB	213, 222, 255
RGB Percent	84%, 87%, 100%
CMY	0.1647, 0.1294, 0.0000
CMYK	0.16, 0.13, 0.00, 0.00
HSL	227°, 100%, 92%
HSV	227°, 16%, 100%
XYZ	71.6118, 73.6087, 105.0413
YIQ	223.0710, -15.9570, 8.3550

Conversions

Conversions Part 2

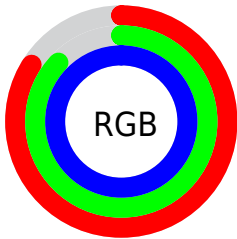
Format	Color
R _Y B	213, 220, 255
Decimal	14016255
CIE Lab	88.74, 3.52, -17.04
CIE LCh	89, 17.398, 281.670
Yxy	73.6087, 0.2861, 0.2941
Android (android.graphics.Color)	4292206335 (0xFFD5DEFF)
YUV	223.0710, 15.7410, -8.8323
Hunter-Lab	85.7955, -1.1518, -12.5332

Details

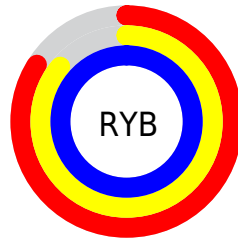
The XYZ color **71.6118, 73.6087, 105.0413** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.2055, 91.9741, 76.1616**, and the grayscale version is **70.0912, 73.7414, 80.3044**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1123, 38.9838, 58.9420** is the 20% darker color. If you saturate the color by 10%, you get **59.7804, 60.0758, 103.0528**, and if you desaturate by 10%, it is **85.2424, 89.0115, 107.2959**.

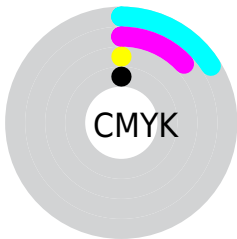
Distribution



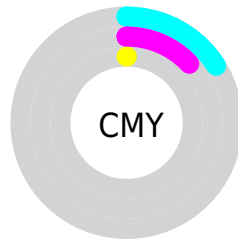
- Red (84%)
- Green (87%)
- Blue (100%)



- Red (84%)
- Yellow (86%)
- Blue (100%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6118, 73.6087, 105.0413 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 71.6118, 73.6087, 105.0413 by changing the saturation by 10% instead.

■ 71.6118, 73.6087,
105.0413

■ 71.6118, 73.6087,
105.0413

455.3679,
473.1218, 597.6216

■ 53.1259, 54.4738,
79.8771

120.5182,
124.3410, 170.1801

■ 38.1312, 38.9806,
59.0917

151.6695,
156.7071, 210.9917

■ 26.2622, 26.7446,
42.2664

187.7734,
194.2525, 257.8563

■ 17.1536, 17.3815,
28.9828

229.1951,
237.3616, 311.1923

■ 10.4401, 10.5069,
18.8224

276.3001,
286.4186, 371.4183

■ 5.7562, 5.7363,
11.3665

329.4536,

■ 2.7366, 2.6854,

341.8081, 438.9528

6.1966

389.0211,
403.9143, 514.2144

■ 1.0161, 0.9698,
2.8943

■ 0.0000, 0.0000,
1.0409

■ 71.6118, 73.6087,
105.0413

■ 71.6118, 73.6087,
105.0413

■ 59.7804, 60.0758,
103.0528

■ 85.2424, 89.0115,
107.2959

■ 49.6659, 48.3319,
101.3191

95.0500, 100.0000,
108.9000

■ 41.1885, 38.3031,
99.8301

■ 34.2595, 29.9069,
98.5747

■ 28.7815, 23.0537,
97.5406

■ 24.6456, 17.6446,
96.7145

■ 21.7262, 13.5684,
96.0816

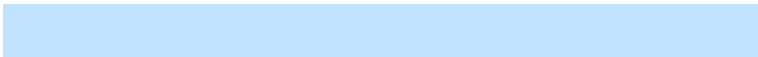
■ 19.8709, 10.6945,
95.6247

■ 19.4002, 9.9204,
95.5001

Harmonies

Analogous

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



67.4498, 73.6087, 104.2094



71.6118, 73.6087, 105.0413



75.4794, 73.6087, 98.7264

Triad

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



71.6118, 73.6087, 105.0413



76.1805, 73.6087, 65.7117



62.5622, 73.6087, 73.0808

Complementary

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



71.6118, 73.6087, 105.0413



86.2055, 91.9741, 76.1616

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.



64.7218, 73.6087, 64.0589



71.6118, 73.6087, 105.0413



72.5375, 73.6087, 60.1074

Square

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



71.6118, 73.6087, 105.0413



78.1869, 73.6087, 75.5523



68.3394, 73.6087, 59.5344



62.3367, 73.6087, 84.9251

Rectangle

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



71.6118, 73.6087, 105.0413



77.3269, 73.6087, 91.6504



68.3394, 73.6087, 59.5344



63.0818, 73.6087, 69.6495

Sweetspot

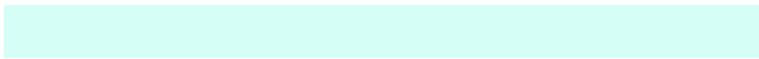
The Sweet Spot groups the original color and five complimentary colors.



71.6138, 73.6116, 105.0418



87.4011, 91.4361, 107.6501



79.8205, 92.3142, 100.7201



18.4854, 19.3218, 23.0052



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.



71.6138, 73.6116, 105.0418



67.2351, 68.6238, 104.3098



72.8655, 70.8014, 104.4333



17.3186, 18.0087, 22.8132



10.2243, 5.3582, 49.9299



1.0709, 0.6725, 4.8866

Inverse Universe

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



78.2203, 74.1238, 79.2954



75.0899, 69.3486, 73.6724



84.7674, 95.3968, 76.8980



18.1687, 18.0508, 19.5055



21.9490, 11.2689, 3.1158



2.1751, 1.1124, 0.5037

Previews

White Background



This preview shows how the XYZ color 71.6118, 73.6087, 105.0413 looks on a white background.

Color Contrast Check

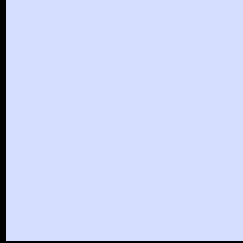
Large Text (above 18pt) WCAG AA × Fail

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 71.6118, 73.6087, 105.0413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

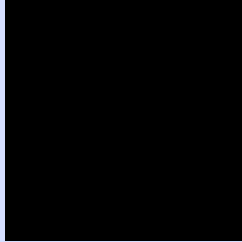
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6118, 73.6087, 105.0413

Background



This preview shows how black text looks on a background with the XYZ color 71.6118, 73.6087, 105.0413.

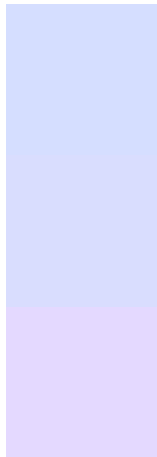


This preview shows how white text looks on a background with the XYZ color 71.6118, 73.6087,

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

71.6118, 73.6087, 105.0413

Protanopia

72.3611, 73.6204, 104.1622

Deuteranopia

74.8578, 73.3397, 104.8183



Tritanopia

69.5466, 73.5710, 94.5395

Trichromacy



Original Color

71.6118, 73.6087, 105.0413

Protanomaly

72.0647, 73.4676, 104.1484

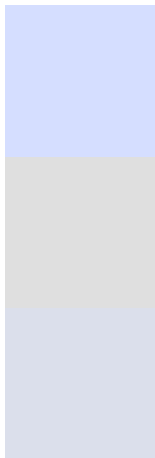
Deuteranomaly

73.8129, 73.5710, 104.9180

Tritanomaly

70.3276, 73.4878, 98.4736

Monochromacy



Original Color

71.6118, 73.6087, 105.0413

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 71.6118, 73.6087, 105.0413 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(213, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 222, 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(213, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.6118, 73.6087, 105.0413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

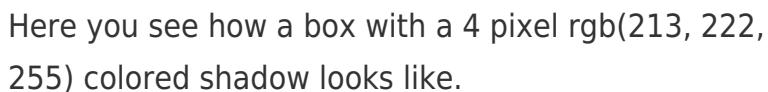
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 222, 255) }
```


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

```
.border{ border-color:rgb(213, 222, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 222, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 222, 255); box-shadow:4px 4px 4px 4px rgb(213, 222, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6118, 73.6087, 105.0413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 222, 255) }
```

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

```
.background{ background-color: rgb(213,  
222, 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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