

Converting Colors

XYZ(72.4626, 75.8891,
105.4366)

Have a look what the booklet for
XYZ(72.4626, 75.8891, 105.4366)
contains.

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Color

**XYZ(72.6705, 76.1552,
105.4770)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E3FF
RGB	212, 227, 255
RGB Percent	83%, 89%, 100%
CMY	0.1686, 0.1098, 0.0000
CMYK	0.17, 0.11, 0.00, 0.00
HSL	219°, 100%, 92%
HSV	219°, 17%, 100%
XYZ	72.6705, 76.1552, 105.4770
YIQ	225.7070, -17.9280, 5.5280

Conversions

Conversions Part 2

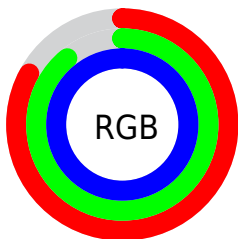
Format	Color
R _Y B	212, 223, 255
Decimal	13951999
CIE Lab	89.93, 0.60, -15.25
CIE LCh	90, 15.264, 272.265
Yxy	76.1552, 0.2858, 0.2995
Android (android.graphics.Color)	4292142079 (0xFFD4E3FF)
YUV	225.7070, 14.4414, -12.0210
Hunter-Lab	87.2669, -4.0734, -10.5752

Details

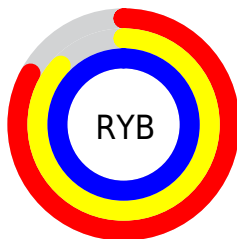
The XYZ color **72.6705, 76.1552, 105.4770** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.2835, 88.3326, 74.8969**, and the grayscale version is **71.9873, 75.7362, 82.4767**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8502, 40.7504, 59.2441** is the 20% darker color. If you saturate the color by 10%, you get **61.5680, 64.0141, 103.7187**, and if you desaturate by 10%, it is **85.3759, 89.7767, 107.4366**.

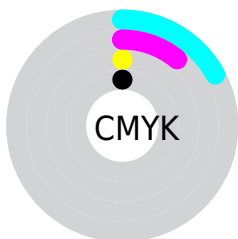
Distribution



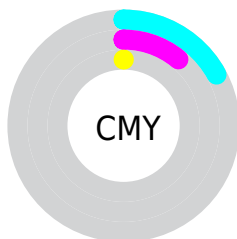
- Red (83%)
- Green (89%)
- Blue (100%)



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



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6705, 76.1552, 105.4770 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 72.6705, 76.1552, 105.4770 by changing the saturation by 10% instead.

■ 72.6705, 76.1552,
105.4770

■ 72.6705, 76.1552,
105.4770

458.9935,
481.8788, 599.0093

■ 53.9940, 56.5598,
80.2401

122.0150,
127.9463, 170.7810

■ 38.8275, 40.6519,
59.3887

153.4137,
160.9107, 211.6852

■ 26.8057, 28.0472,
42.5040

189.7838,
199.1003, 258.6489

■ 17.5632, 18.3612,
29.1676

231.4907,
242.8994, 312.0907

■ 10.7346, 11.2096,
18.9610

278.8998,
292.6924, 372.4291

■ 5.9546, 6.2080,
11.4656

332.3764,

■ 2.8579, 2.9720,

348.8637, 440.0826

6.2628

392.2858,
411.7977, 515.4699

■ 1.0791, 1.1171,
2.9342

■ 0.0075, 0.0000,
1.0611

■ 72.6705, 76.1552,
105.4770

■ 72.6705, 76.1552,
105.4770

■ 61.5680, 64.0141,
103.7187

■ 85.3759, 89.7767,
107.4366

■ 51.9956, 53.2915,
102.1536

95.0500, 100.0000,
108.9000

■ 43.8837, 43.9345,
100.7750

■ 37.1547, 35.8830,
99.5756

■ 31.7231, 29.0717,
98.5472

■ 27.4933, 23.4289,
97.6809

■ 24.3544, 18.8736,
96.9671

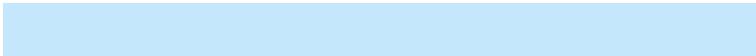
■ 22.1691, 15.3094,
96.3943

■ 21.6200, 14.3600,
96.2400

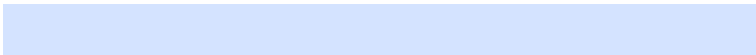
Harmonies

Analogous

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



69.0572, 76.1552, 102.7163



72.6705, 76.1552, 105.4770



76.3281, 76.1552, 101.7716

Triad

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



72.6705, 76.1552, 105.4770



78.6968, 76.1552, 72.3094



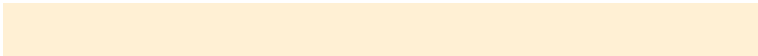
66.1462, 76.1552, 73.6161

Complementary

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



72.6705, 76.1552, 105.4770



84.2835, 88.3326, 74.8969

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.



68.5767, 76.1552, 66.5533



72.6705, 76.1552, 105.4770



75.8144, 76.1552, 65.8462

Square

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



72.6705, 76.1552, 105.4770



79.8819, 76.1552, 82.1012



72.0967, 76.1552, 63.8328



65.3692, 76.1552, 83.7444

Rectangle

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



72.6705, 76.1552, 105.4770



78.2774, 76.1552, 96.3057



72.0967, 76.1552, 63.8328



66.7927, 76.1552, 70.8360

Sweetspot

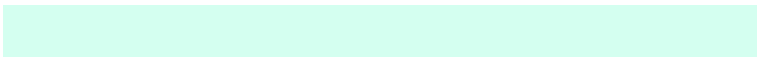
The Sweet Spot groups the original color and five complimentary colors.



72.6726, 76.1582, 105.4775



87.9225, 92.4788, 107.8239



78.6331, 91.8058, 95.9758



18.6118, 19.5746, 23.0473



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.



72.6726, 76.1582, 105.4775



69.0185, 72.1907, 104.9043



70.6431, 69.2836, 104.2575



17.5213, 18.4143, 22.8808



11.4226, 7.7547, 50.3294



1.2099, 0.9505, 4.9330

Inverse Universe

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



78.6500, 73.8947, 82.7943



75.9901, 69.7086, 78.4127



86.5509, 96.3308, 76.3212



18.2710, 18.0917, 20.0444



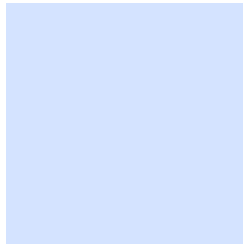
22.5538, 11.5108, 6.3007



2.2453, 1.1405, 0.8732

Previews

White Background



This preview shows how the XYZ color 72.6705, 76.1552, 105.4770 looks on a white background.

Color Contrast Check

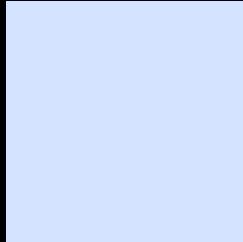
Large Text (above 18pt) WCAG AA × Fail

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 72.6705, 76.1552, 105.4770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

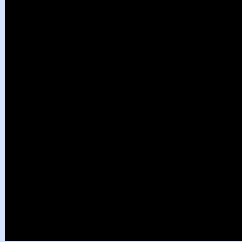
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

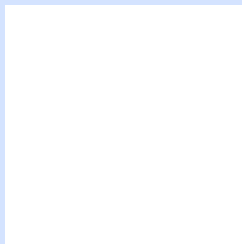
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6705, 76.1552, 105.4770

Background



This preview shows how black text looks on a background with the XYZ color 72.6705, 76.1552, 105.4770.



This preview shows how white text looks on a background with the XYZ color 72.6705, 76.1552,

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

72.6705, 76.1552, 105.4770

Protanopia

74.5095, 75.9328, 103.6579

Deuteranopia

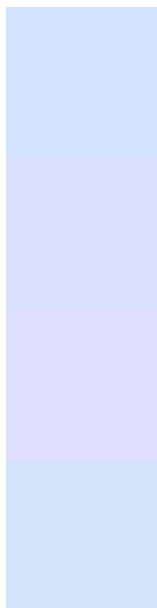
77.2475, 75.7300, 105.1537



Tritanopia

71.1102, 75.9038, 98.8987

Trichromacy



Original Color

72.6705, 76.1552, 105.4770

Protanomaly

73.7280, 75.9116, 104.5325

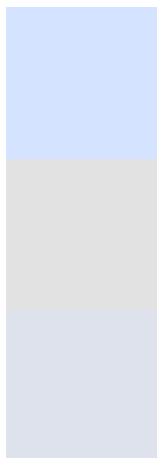
Deuteranomaly

75.4890, 76.0029, 105.2991

Tritanomaly

71.8627, 76.2378, 101.3703

Monochromacy



Original Color

72.6705, 76.1552, 105.4770

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.3012, 75.8793, 90.9562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6705, 76.1552, 105.4770 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(212, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 227, 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(212, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 227, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.6705, 76.1552, 105.4770 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(212, 227, 255) }
```


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

```
.border{ border-color:rgb(212, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 227,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6705, 76.1552, 105.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 227, 255) }
```

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

```
.background{ background-color: rgb(212,  
227, 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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