

Converting Colors

XYZ(71.2711, 74.5866,
105.2480)

Have a look what the booklet for
XYZ(71.2711, 74.5866, 105.2480)
contains.

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Color

**XYZ(71.2697, 74.6257,
105.2556)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E1FF
RGB	209, 225, 255
RGB Percent	82%, 88%, 100%
CMY	0.1804, 0.1176, 0.0000
CMYK	0.18, 0.12, 0.00, 0.00
HSL	219°, 100%, 91%
HSV	219°, 18%, 100%
XYZ	71.2697, 74.6257, 105.2556
YIQ	223.6360, -19.1660, 5.9380

Conversions

Conversions Part 2

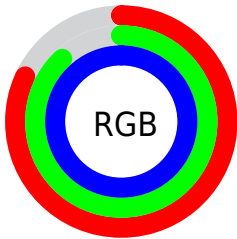
Format	Color
R _Y B	209, 221, 255
Decimal	13754879
CIE Lab	89.22, 0.72, -16.34
CIE LCh	89, 16.361, 272.536
Yxy	74.6257, 0.2838, 0.2971
Android (android.graphics.Color)	4291944959 (0xFFD1E1FF)
YUV	223.6360, 15.4625, -12.8358
Hunter-Lab	86.3862, -3.9110, -11.7705

Details

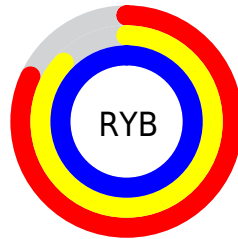
The XYZ color **71.2697, 74.6257, 105.2556** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.6149, 87.5954, 72.8240**, and the grayscale version is **70.4966, 74.1679, 80.7688**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8942, 39.6967, 59.0911** is the 20% darker color. If you saturate the color by 10%, you get **60.3459, 62.6443, 103.5187**, and if you desaturate by 10%, it is **83.7901, 88.0839, 107.1934**.

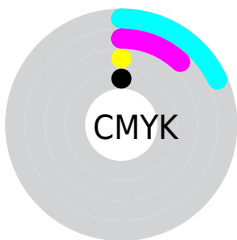
Distribution



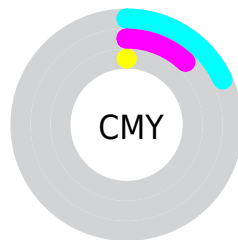
- Red (82%)
- Green (88%)
- Blue (100%)



- Red (82%)
- Yellow (87%)
- Blue (100%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2697, 74.6257, 105.2556 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 71.2697, 74.6257, 105.2556 by changing the saturation by 10% instead.

■ 71.2697, 74.6257,
105.2556

■ 71.2697, 74.6257,
105.2556

454.1929,
476.6301, 598.3044

■ 52.8456, 55.3063,
80.0557

120.0341,
125.7824, 170.4757

■ 37.9065, 39.6470,
59.2377

151.1052,
158.3885, 211.3328

■ 26.0871, 27.2634,
42.3832

187.1226,
196.1922, 258.2462

■ 17.0218, 17.7712,
29.0737

228.4518,
239.5781, 311.6343

■ 10.3454, 10.7858,
18.8905

275.4580,
288.9304, 371.9156

■ 5.6926, 5.9230,
11.4152

328.5067,

■ 2.6980, 2.7983,

344.6335, 439.5087

6.2291

387.9632,
407.0720, 514.8321

■ 0.9961, 1.0274,
2.9139

■ 0.0000, 0.0000,
1.0508

■ 71.2697, 74.6257,
105.2556

■ 71.2697, 74.6257,
105.2556

■ 60.3459, 62.6443,
103.5187

■ 83.7901, 88.0839,
107.1934

■ 50.9452, 52.0777,
101.9746

95.0500, 100.0000,
108.9000

■ 42.9975, 42.8722,
100.6167

■ 36.4243, 34.9670,
99.4373

■ 31.1389, 28.2962,
98.4283

■ 27.0441, 22.7869,
97.5807

■ 24.0266, 18.3564,
96.8845

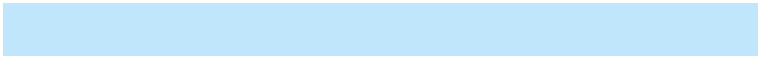
■ 21.9375, 14.9021,
96.3279

■ 21.5985, 14.3169,
96.2328

Harmonies

Analogous

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



67.4479, 74.6257, 102.3639



71.2697, 74.6257, 105.2556



75.1386, 74.6257, 101.2334

Triad

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



71.2697, 74.6257, 105.2556



77.5998, 74.6257, 69.9951



64.3340, 74.6257, 71.5317

Complementary

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



71.2697, 74.6257, 105.2556



83.6149, 87.5954, 72.8240

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.



66.8805, 74.6257, 64.0943



71.2697, 74.6257, 105.2556



74.5289, 74.6257, 63.2674

Square

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



71.2697, 74.6257, 105.2556



78.8779, 74.6257, 80.2858



70.5904, 74.6257, 61.2114



63.5338, 74.6257, 82.2314

Rectangle

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



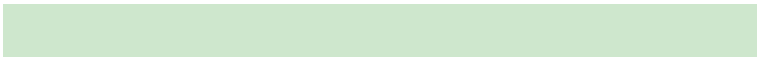
71.2697, 74.6257, 105.2556



77.1985, 74.6257, 95.3738



70.5904, 74.6257, 61.2114



65.0094, 74.6257, 68.6027

Sweetspot

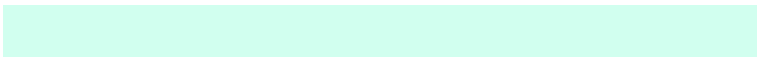
The Sweet Spot groups the original color and five complimentary colors.



71.2717, 74.6287, 105.2561



87.9185, 92.4709, 107.8226



77.6206, 91.3018, 95.1166



18.6109, 19.5727, 23.0470



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.



71.2717, 74.6287, 105.2561



66.7563, 69.7076, 104.5442



69.1412, 67.4063, 103.9743



17.5198, 18.4112, 22.8803



11.4111, 7.7317, 50.3255



1.2086, 0.9480, 4.9325

Inverse Universe

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



77.6324, 72.2987, 81.1009



74.3499, 67.1446, 75.6574



86.0160, 96.0984, 74.3387



18.2703, 18.0914, 20.0403



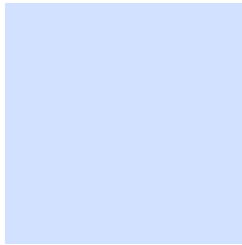
22.5480, 11.5085, 6.2701



2.2447, 1.1402, 0.8699

Previews

White Background



This preview shows how the XYZ color 71.2697, 74.6257, 105.2556 looks on a white background.

Color Contrast Check

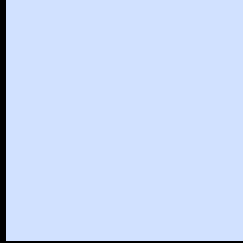
Large Text (above 18pt) WCAG AA × Fail

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 71.2697, 74.6257, 105.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

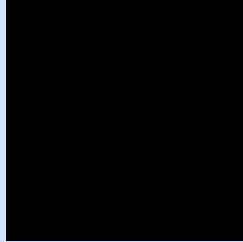
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2697, 74.6257, 105.2556

Background



This preview shows how black text looks on a background with the XYZ color 71.2697, 74.6257, 105.2556.



This preview shows how white text looks on a background with the XYZ color 71.2697, 74.6257,

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

71.2697, 74.6257, 105.2556

Protanopia

73.0643, 74.3945, 103.4372

Deuteranopia

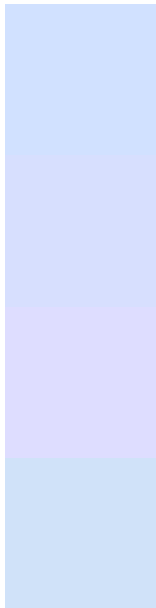
76.0146, 74.7060, 105.0210



Tritanopia

69.6826, 74.7961, 97.1506

Trichromacy



Original Color

71.2697, 74.6257, 105.2556

Protanomaly

72.3014, 74.3782, 104.3117

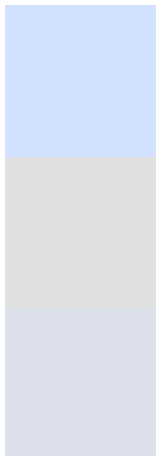
Deuteranomaly

74.0307, 74.4625, 105.0786

Tritanomaly

70.3077, 74.6422, 100.3243

Monochromacy



Original Color

71.2697, 74.6257, 105.2556

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.8645, 74.3695, 89.2171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2697, 74.6257, 105.2556 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(209, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 225, 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(209, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.2697, 74.6257, 105.2556 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(209, 225, 255) }
```


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

```
.border{ border-color:rgb(209, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2697, 74.6257, 105.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 225, 255) }
```

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

```
.background{ background-color: rgb(209,  
225, 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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