

Converting Colors

XYZ(84.0069, 82.0324,
156.8859)

Have a look what the booklet for
XYZ(84.0069, 82.0324, 156.8859)
contains.

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Color

**XYZ(74.3711, 78.2607,
105.7938)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E6FF
RGB	215, 230, 255
RGB Percent	84%, 90%, 100%
CMY	0.1569, 0.0980, 0.0000
CMYK	0.16, 0.10, 0.00, 0.00
HSL	217°, 100%, 92%
HSV	217°, 16%, 100%
XYZ	74.3711, 78.2607, 105.7938
YIQ	228.3650, -16.9650, 4.5950

Conversions

Conversions Part 2

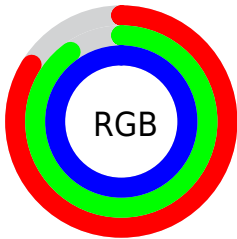
Format	Color
R _Y B	215, 226, 255
Decimal	14149375
CIE Lab	90.90, -0.03, -13.78
CIE LCh	91, 13.782, 269.885
Yxy	78.2607, 0.2878, 0.3028
Android (android.graphics.Color)	4292339455 (0xFFD7E6FF)
YUV	228.3650, 13.1311, -11.7211
Hunter-Lab	88.4651, -4.7519, -8.9783

Details

The XYZ color **74.3711, 78.2607, 105.7938** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.6653, 88.4850, 76.9085**, and the grayscale version is **73.9275, 77.7775, 84.6997**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0202, 42.2107, 59.4643** is the 20% darker color. If you saturate the color by 10%, you get **63.2253, 66.2317, 104.0594**, and if you desaturate by 10%, it is **87.0935, 91.7085, 107.7189**.

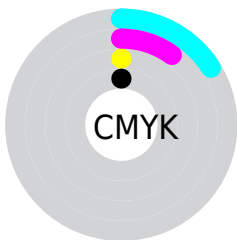
Distribution



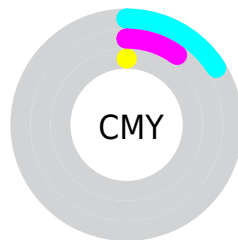
- Red (84%)
- Green (90%)
- Blue (100%)



- Red (84%)
- Yellow (89%)
- Blue (100%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3711, 78.2607, 105.7938 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 74.3711, 78.2607, 105.7938 by changing the saturation by 10% instead.

■ 74.3711, 78.2607,
105.7938

■ 74.3711, 78.2607,
105.7938

464.7837,
489.0517, 600.0173

■ 55.3902, 58.2882,
80.5042

124.4144,
130.9176, 171.2177

■ 39.9493, 42.0404,
59.6047

156.2075,
164.3707, 212.1891

■ 27.6830, 29.1329,
42.6769

193.0020,
203.0861, 259.2248

■ 18.2261, 19.1814,
29.3022

235.1634,
247.4482, 312.7434

■ 11.2131, 11.8014,
19.0620

283.0568,
297.8415, 373.1634

■ 6.2787, 6.6086,
11.5378

337.0478,

■ 3.0575, 3.2186,

354.6502, 440.9034

6.3111

397.5017,
418.2588, 516.3818

■ 1.1843, 1.2469,
2.9633

■ 0.0939, 0.0995,
1.0759

■ 74.3711, 78.2607,
105.7938

■ 74.3711, 78.2607,
105.7938

■ 63.2253, 66.2317,
104.0594

■ 87.0935, 91.7085,
107.7189

■ 53.5852, 55.5625,
102.5081

95.0500, 100.0000,
108.9000

■ 45.3834, 46.2039,
101.1340

■ 38.5446, 38.0995,
99.9302

■ 32.9865, 31.1884,
98.8891

■ 28.6164, 25.4035,
98.0029

■ 25.3278, 20.6693,
97.2624

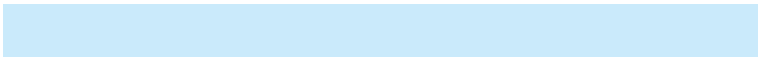
■ 22.9910, 16.8971,
96.6575

■ 22.2008, 15.5217,
96.4336

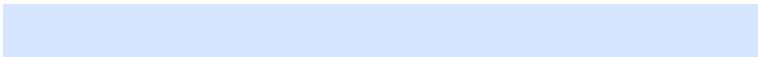
Harmonies

Analogous

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



71.0855, 78.2607, 102.8412



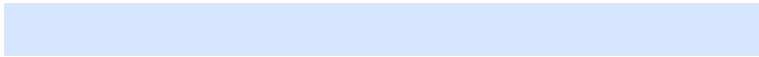
74.3711, 78.2607, 105.7938



77.7601, 78.2607, 102.8845

Triad

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



74.3711, 78.2607, 105.7938



80.3230, 78.2607, 76.0381



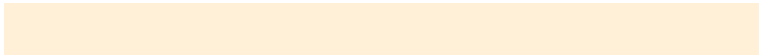
68.7587, 78.2607, 75.9768

Complementary

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



74.3711, 78.2607, 105.7938



84.6653, 88.4850, 76.9085

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.



71.1079, 78.2607, 69.6898



74.3711, 78.2607, 105.7938



77.7839, 78.2607, 69.7232

Square

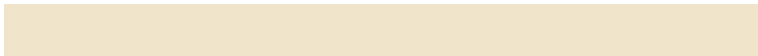
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3711, 78.2607, 105.7938



81.2609, 78.2607, 85.2508



74.3978, 78.2607, 67.4903



67.9073, 78.2607, 85.1744

Rectangle

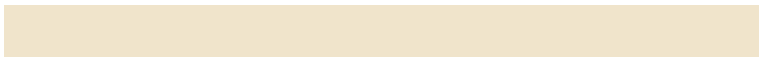
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3711, 78.2607, 105.7938



79.6067, 78.2607, 98.1324



74.3978, 78.2607, 67.4903



69.3957, 78.2607, 73.4796

Sweetspot

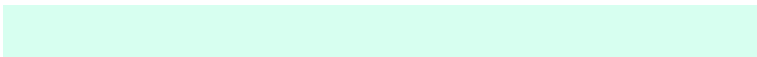
The Sweet Spot groups the original color and five complimentary colors.



74.3732, 78.2638, 105.7943



88.0245, 92.6829, 107.8579



79.4638, 92.2389, 95.7951



18.6366, 19.6241, 23.0555



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.



74.3732, 78.2638, 105.7943



70.5070, 74.1215, 105.1985



71.7660, 70.9860, 104.5269



17.5612, 18.4940, 22.8941



11.7319, 8.3733, 50.4325



1.2431, 1.0170, 4.9440

Inverse Universe

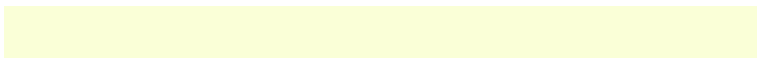
The Inverse Universe completely reimagines the original color for something new.



79.8246, 75.5755, 85.2469



76.9968, 71.0890, 80.6997



87.5700, 96.8121, 78.3627



18.2912, 18.0998, 20.1504



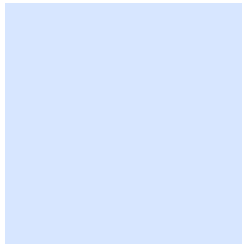
22.7099, 11.5732, 7.1228



2.2621, 1.1472, 0.9616

Previews

White Background



This preview shows how the XYZ color 74.3711, 78.2607, 105.7938 looks on a white background.

Color Contrast Check

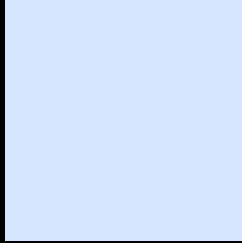
Large Text (above 18pt) WCAG AA × Fail

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 74.3711, 78.2607, 105.7938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

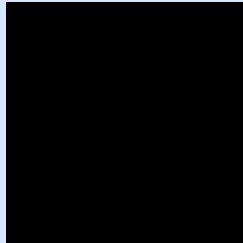
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3711, 78.2607, 105.7938

Background



This preview shows how black text looks on a background with the XYZ color 74.3711, 78.2607, 105.7938.



This preview shows how white text looks on a background with the XYZ color 74.3711, 78.2607,

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

74.3711, 78.2607, 105.7938

Protanopia

76.5627, 78.1988, 103.9871

Deuteranopia

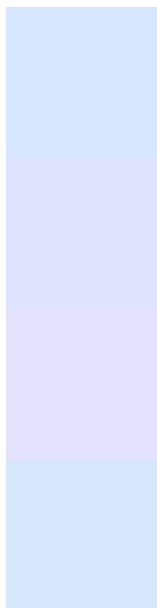
79.3627, 77.9999, 105.4804



Tritanopia

73.4064, 78.2875, 100.8646

Trichromacy



Original Color

74.3711, 78.2607, 105.7938

Protanomaly

75.7570, 78.1722, 104.8618

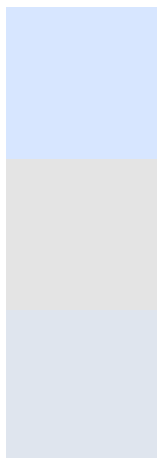
Deuteranomaly

77.5595, 78.2707, 105.6277

Tritanomaly

73.7201, 78.4130, 102.5165

Monochromacy



Original Color

74.3711, 78.2607, 105.7938

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8834, 77.8996, 92.0310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3711, 78.2607, 105.7938 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(215, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 230, 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(215, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.3711, 78.2607, 105.7938 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(215, 230, 255) }
```


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

```
.border{ border-color:rgb(215, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3711, 78.2607, 105.7938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 230, 255) }
```

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

```
.background{ background-color: rgb(215,  
230, 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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